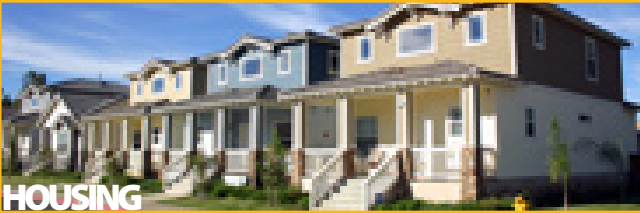




TRANSPORTATION



HOUSING



ECONOMICS



COMMUNITIES



INVESTMENT



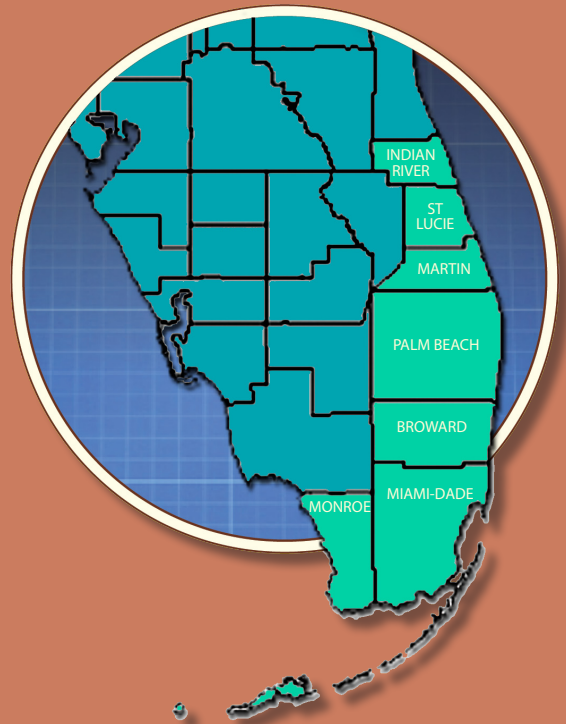
ENVIRONMENT



VISION

2060

Southeast Florida's
Regional Vision and
Blueprint for
Economic Prosperity



Proposal # SOQ #06
July 22, 2011

Submitted by
JACOBS

July 22, 2011

South Florida Regional Planning Council
3440 Hollywood Boulevard, Suite 140
Hollywood, Florida 33021

Re: RVB Consultant Proposal - SOQ #06

Jacobs is enthusiastically proud to submit our qualifications for the Southeast Florida Regional Partnership solicitation to assist in developing the **2060 Southeast Florida's Regional Vision and Blueprint for Economic Prosperity** (RVB). We believe in the urgency of this endeavor, and are confident that this project presents a unique window of opportunity for this region to 'get it right'. We share the goal of achieving a resilient and sustainable economy for this region, able to meet the challenges of this century and those to come.

The Jacobs Team is uniquely positioned to assist the Southeast Florida Regional Partnership. Wallace, Roberts & Todd, LLC; VHB Miller Sellen; and Arup, who have partnered with Jacobs on many projects over the past decades, join us today in offering our collective talents and skills. To augment this core team we bring a number of specialty firms to provide expertise in the critical areas of communications, workforce development and healthcare. In addition, our public relations professionals have been enlisted in a region-wide Community Collaboration Team working to ensure transparent and full equity in our consensus-driven outreach so all can participate in creating a plan for a prosperous future.

Our proposal demonstrates our strengths in the following areas:

- Managing multi-year regional planning efforts
- Responsiveness to the HUD approved work plan, and supportive of the excellent organizational groundwork already laid by the Partnership
- Innovative and equitable public participation programs
- Local presence and work experience in the Region
- Scenario Modeling that will be based on strong implementation strategies
- World-renowned sustainability professionals able to 'benchmark' this project against the most current & best practices from other global regions

As residents, we share a stake in the success of this challenging process and we are excited about the prospect of playing a key role working with the Southeast Florida Regional Partnership on this legacy project. Should you require additional information relative to our enclosed proposal for this task, please do not hesitate to contact either Brett or Lynda.

Sincerely,



Brett Nein, Sr. Project Manager
Brett.Nein@jacobs.com
954-246-1407 direct



Lynda Mifsud, Sr. Project Manager
Lynda.Mifsud@jacobs.com
954-246-1412 direct



The Jacobs Team looks forward to helping the Southeast Florida Regional Partnership (the “Partnership”) prepare for sustainable economic prosperity and livability in our region. Our team represents a broad base of expertise in the myriad areas of social/cultural, environmental, economic, visual, and technical/planning issues required. **We strongly believe in the importance of the collaborative process** in developing holistic and sustainable models for a better future. It is our expectation that one of the most valuable outcomes of the Southeast Florida program will be newfound and long-lasting working relationships among Consortium Members and increased capacity through resource-sharing and continued collaboration among Partnership members. The expanded capabilities of this far-reaching Partnership will bridge geopolitical boundaries, allowing for proactive approaches to shared regional issues. Additionally, a strengthened Partnership will be better equipped to adapt to inevitable climate change and the cyclic nature of the economy - without sacrificing the diverse, individual character unique to our communities.

The Jacobs Team leverages the best talents of our firm’s experience and relationships here in Florida with a strong global perspective through strategic use of nationally and world-renowned professionals who have worked on the full spectrum of sustainability issues in many other parts of the world, and whom are recognized in the profession as the leaders in their respective expertise. We will support the six Work Groups with subject-matter expertise, providing a ‘deep well’ of resources that may be called upon as the work direction demands.

Because of our work in South Florida, the Jacobs Team understands the challenges to achieving sustainability in our region. Our region will need to accommodate an additional 1.8 million people by 2040 due to natural increase (more births than deaths) and immigration from abroad. The high cost of housing near the coast is also expected to spur more inland growth. How we plan for future growth will be crucial to a sustainable economy. Unemployment continues to be a serious problem; however, one of the bright spots is “clean economy” jobs which grew in Florida by over 103,000 jobs since 2003. Putting our population back to work and growing more high-quality jobs that can be filled with skilled South Floridians will be a necessary outcome to long-term prosperity. We are also aware of the public’s skepticism concerning global warming, climate change, and how it affects them. It is in this backdrop that we will consider alternative future scenarios.

PROJECT UNDERSTANDING – The Partnership has effectively organized itself to benefit from local expertise from a diverse community that includes advocates and leaders from a variety of sectors including government, academia, non-profits, and business and industry. **We view the role of Master Consultant as one of strategist and facilitator, while delivering products in a collaborative manner.** In this role, we bring a new dimension to the multi-dimensional Partnership that will sharpen the focus of the three-year program and result in a broad-based, publicly-supported action plan with a centuries-long reach.

The Jacobs Team is ready to assist the Partnership Management Team in this important program that will serve as a critical base from which future sustainable planning and implementation efforts are developed in the coming decades. The Partnership’s all-inclusive work plan

necessitates a South Florida flavor from a national firm with a local presence in the project's surrounding location, infused with a portfolio of successful similar efforts across the United States and around the globe. This effort is one in which the Jacobs Team is uniquely positioned to deliver to you.

Much like the conductor of an orchestra, the Master Consultant team must draw out the best from each Work Group, Consortium Member, Partnership Member and Stakeholder to create a clear, harmonious, and unified plan. This collaborative way of working with multiple players is one that must start with a cohesive organization and clearly defined roles and expected outcomes from all those involved. Scalability and an ability to provide focused expertise are critically important, as are the Jacobs Team's ability to leverage such expertise and deliver work products with both quality and efficiency.

Jacobs has extensive experience managing the development of sustainable growth policies and implementation of such projects in both the public and private sectors. Our international Sustainability Practice is led by Alan Hendry in the United Kingdom, and Greg Kight, the National Director of Sustainable Design in the United States. We participate in a variety of key sustainability networks that address issues ranging from climate resiliency and coastal risk adaptation initiatives to "backyard biodiversity." Arup most recently published *Climate Action in Megacities: C40 Cities Baseline and Opportunities*, a comprehensive analysis of actions underway in the world's megacities to address climate change, which truly demonstrates the power of local action and underscores how cities working together can affect significant global impact. Wallace Roberts & Todd (WRT) brings a wealth of experience in integrated planning, urban design, architecture, and landscape architecture services. VHB Miller Sellen's (VHB) work on regional visioning, master planning, sector planning, urban planning, growth management policy and water policy all add to our deep well of resources. Most recently, VHB supported the Treasure Coast Regional Planning Council with transportation and transit issues on the master plan charrettes for community redevelopment and transit oriented development.

We will exceed your expectations for this undertaking through strategic support and collaboration, thus providing the most efficient and effective powerhouse of knowledge and technology-sharing within the available budget.

STATEMENT OF QUALIFICATIONS – Our team's global reach and depth of experience combined with our local knowledge and relationships in the surrounding communities enable us to respond with subject-matter experts in a manner that is responsive to the needs of the Partnership's capacity-building planning process.

I. Experience with Comparable Regional Planning Efforts: All of our core team firms and many of our specialty and Community Collaboration Team firms have been directly involved in regional planning efforts. Jacobs' reputation as Program Manager for the *Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan* and updates is widely-known in Florida and well-respected for bringing the region together with clarity and strong public participation. WRT has extensive experience both in leading and working with large, sophisticated consultant teams on complex planning and design projects. WRT was the planning lead as part of the multi-national consortium which created a *Strategic Development Plan for the Metropolitan Areas of Panama City and Colon City* in Panama. Currently, WRT leads two of the most ambitious visioning and comprehensive planning efforts in the nation:

Imagine Austin (Texas) and the *East Tennessee Regional Plan for Livable Communities* (PlanET). The latter is a recipient of a \$4.3 million 2010 Sustainable Communities Regional Planning Grant from the Department of Housing and Urban Development (HUD). Locally, Arup is a member of the multi-disciplined project team for *Destiny Eco-City* directly west of Indian River County. Myregion.org recently participated in *Connecting for Global Competitiveness-Florida's Super Region* commissioned jointly by the Central Florida Partnership and the Tampa Bay Partnership documenting the value of working together as Florida's first "super region."

II. Collaborative Regional Planning Techniques Addressing Issues of Equity and Access to Opportunity:

Our team's philosophy is to address today's social and economic needs while fulfilling a wider obligation to pass on livable, sustainable, affordable communities and a healthy environment to future generations. Thoughtful planning and design of the places where we live, work, learn, and play ensure sustainable lifestyle choices and increased access to opportunities for persons of all socio-economic backgrounds and abilities. Equity is an important component of our public involvement activities. Projects such as Jacobs' *TBARTA Master Plan* and *Broward 2035 Long Range Transportation Plan*; and WRT's *Imagine Austin* and *Albany 2030 Comprehensive Plan* all address these planning issues using innovative ways to gain widespread participation in the process. PlaceMatters' Ken Snyder, an ICLEI Star Communities Technical Advisor and a Board Member of the National Charrette Institute, brings incomparable expertise to our seasoned public engagement professionals.

III. Integrated Multi-Disciplinary Economic Development Strategies:

Our team is experienced in multi-faceted regional planning efforts. Example economic development experiences include: Arup's sustainable master plan for the 41,044-acre *Destiny Eco-City* in Osceola County, FL; Jacobs' *TBARTA Transit Oriented Development Resource Guide*, which integrates planning for transportation with economic development, zoning and urban design, and affordable/workforce housing within the seven-county Tampa Bay area; and WRT's *Albany 2030 Comprehensive Plan* which focuses on capacity-building for revitalization and reinvestment as an interrelated system to garner synergies among economic development, green infrastructure, and transportation. WRT also prepared an *Economic Development Strategic Plan* for Cumberland, MD based on principles of sustainability that conserve natural, historic and cultural resources while targeting business and industry sectors, and social and occupational markets. Arup has been involved in a number of sustainability plans such as the *Long Island 2035 Regional Comprehensive Sustainability Plan* for Nassau and Suffolk, NY and *Treasure Island* in San Francisco Bay, CA. VHB conducted the *North Jacksonville Vision and Master Plan* for a 147,300-acre sub-region with some of the First Coast's most vital economic and environmental assets. Within this area are Jacksonville International Airport, JAXPORT, and some of the area's most precious environmental treasures: the Kingsley Plantation and the marshlands that line the St. Johns and Trout rivers. PlaceMatters brings a new dimension to our capabilities with their experience in interdisciplinary teams such as the *Hamakua Community Development Plan* in Hawaii. CREC will lead the workforce development component of the Regional Vision and Blueprint to build on existing research and analysis, working hand-in-hand with Consortium Members (such as those involved in housing and redevelopment efforts and the Collins Center for Public Policy) to inform and support development of a knowledge-based regional plan. CREC has assessed and analyzed markets around the world with a focus on

workforce strategies and development that bridges existing community profiles of industries and labor skills with future growth areas to identify emerging academic disciplines.

IV. Broad-based Community Engagement and Shared Learning Experience: Jacobs has a national Community Outreach Practice Group which draws from public engagement activities across the country. Jacobs' expertise in multi-media strategies has been very successful in expanding community participation, knowledge and understanding of complex planning processes and future scenarios. Jacobs' expertise in combining emerging communications tools with traditional outreach forums produces maximum benefits at an economical outlay. Telephone Town Hall meeting technology allows tens of thousands of people to participate in a town hall-style event without leaving home. When you add television and social media to the mix, you have a powerful means of reaching large numbers of people on their own terms with little disruption to their daily lives. Jacobs was the first firm in Florida to utilize telephone Town Hall meeting and social meeting technologies that comply with Florida's Sunshine Law. PlaceMatters is a nationally recognized expert specializing in a broad range of technical and non-technical tools for community design and decision-making. Similarly, all of WRT's planning and design projects incorporate robust community engagement through the application of a "value-driven" methodology, which they pioneered in the 1990s on projects such as the Cornerstone 2020 Comprehensive Plan for Louisville-Jefferson County (KY), and the FOCUS Kansas City (MO) Comprehensive Plan. Values-driven planning is a methodology for developing plans that are in sync with community goals and create a motivated, educated, and coordinated constituency while also avoiding the trap of "top-down" planning. In Austin, WRT has used a variety of community engagement tools – including incorporating live music and line dancing in community planning forums across the city, and extensive use of social media to involve thousands of tech-savvy younger adults – to reach over 15,000 citizens to date. Myregion.org orchestrated an 18-month campaign - *How Shall We Grow?* - achieving unprecedented levels of collaboration from 400+ leaders and nearly 20,000 Central Floridians.

V. Building Community Capacity in Diverse Regions: All team members have considerable experience working with public agencies throughout the country. We are intimately familiar with fiscal challenges facing local governments and the need – today more than ever – to find innovative ways to leverage limited resources. We also understand the need to effectively leverage staff and local and regional resources. Jacobs, WRT, MAGBE, and PlaceMatters have grant-writing experience. Our collective experience has led to constructive and efficient planning processes that result in a tangible expression of an organization's values, goals, and capabilities. We acknowledge and are sensitive to system and agency limitations and identify gaps from the beginning of the process in order to recommend appropriate measures to bridge those gaps. For example, Jacobs, WRT, and MAGBE, and PlaceMatters all have a successful track record of helping clients to secure grant funding for implementation.

VI. Complex Databases and Modeling Capabilities: All team members have extensive expertise in multi-discipline GIS-based database development and geo-spatial analysis, including socio-economic and community resources databases. These databases provide source data for statistical analysis of socio-economic data. VHB's Kim Lundgren has produced over 450 climate change plans and has in-depth knowledge of various energy baseline and greenhouse gas (GHG) accounting tools, including ICLEI's Clean Air-Cool Planet (CACP) and Climate and Air Pollution Planning Assistant (CAPPA), and EPA EnergyStar Portfolio Manager. Kim is well-versed in the Local Government Operations Protocol for GHG Accounting. CREC and

Healthways also specialize in statistical analysis of baseline data used in developing future scenarios and in monitoring outcomes of proposed policies and programs. In addition, we often create scenarios depicting alternative futures, typically to analyze the impacts of possible growth directions and frame choices for citizens and decision-makers. As such, the creation of scenarios needs to be approached not just as a technical exercise, but as one that engages the public in addressing the key issues facing the Southeast Florida Region and understanding the implications of possible directions for the future. Thus, in Austin, WRT's Andrew Dobshinski helped develop a comprehensive set of GIS-based sustainability indicators to measure comparative alternatives in meeting goals derived from a citizens-generated vision in constructing four future growth scenarios as alternatives to the project growth trends in an interactive process to select a preferred scenario. Jacobs' Ana Elias currently leads a team that specializes in travel demand modeling and traffic modeling and has considerable experience in Florida as well as many other major investment projects throughout the US and Puerto Rico. Jacobs' Water Practice Group has expertise in water resources engineering, hydraulic/hydrologic modeling, permitting, design and construction. They have provided modeling support for water system master plans in the City of Riviera Beach, South Indian River County, Martin County Airport and master plans for various private developments.

VII. Consensus-Driven Planning/Visioning Experience: All team members have experience in consensus-building and collaborative problem-solving in developing visions. The process of identifying compromise to move forward is used in most public planning processes. Community visioning is the core of WRT's planning practice. The firm has led hundreds of successful visioning efforts, often as part of larger comprehensive planning processes that connect community vision and values to action. Jacobs' work on the *TBARTA Master Plan* and with the Broward MPO 2035 LRTP *Transformations* provided visions that were widely supported by the public and elected leadership. Another outstanding visioning success story comes from Shelley Lauten with myregion.org and the *Shared Regional Growth Vision* that involved 10 partner organizations, seven counties, 86 cities, and engaging over 20,000 residents. Our approach will recognize the business community's role as a key player in job growth and creation of livable communities that are also affordable. We have found in other Florida communities that a crucial component to successful regional planning processes and their outcomes is the effective engagement of the business communities' leadership and imagination. Another critical factor is staying power. Big plans do not play out quickly whether they are plans for transit oriented development, regional water supply strategies, or climate change adaptations. South Florida's is well-positioned to further this goal.

VIII. Urban, Suburban and Rural Land Use Experience: All team members have experience working in a variety of settings and land use conditions. WRT's practice reflects its environmental philosophy at all scales serving clients ranging from small communities in rural and suburban settings to medium sized and large cities, counties, and states. Nationally WRT has been involved in virtually every major American city, while at the same time carving a significant practice in producing plans for rural counties and small rural and suburban communities. Perhaps one of the best known examples of their experience in this area is the firm's landmark *Plan for the Valleys*, prepared for Baltimore County and the Regional Planning Commission, and which, according to Lewis Mumford, demonstrated "brilliantly how an ecological balance between the rural environment and an increasing urban population may be maintained." Also of note, Jim Sellen began VHB's "Shared Visioning SolutionsTM" with the

development of the Horizon West Project in Orange County, FL which includes innovative Village Land Use Classifications that allow for the orderly transition from rural to urban land use for a 40,000-acre area and completion of the first award-winning Village “Lakeside” and the preparation of the Village Development Code.

IX. Diverse Range of Public Engagement Experience: Our Community Collaboration Team is specifically designed to address engagement with an ethnically-diverse population in a culturally rich region. Our team has a range of public engagement experience working on complex projects requiring significant multi-agency coordination and interaction with numerous community groups, institutions, and social service organizations. Environmental justice is at the cornerstone of our public involvement plans and execution. Our team has many professionals with varied cultural backgrounds who are sensitive to and understand the issues affecting ethnic groups and communities of need. Jacobs raised the bar for public involvement as the first in Florida to bring telephone town hall meetings and multi-media technologies to regional planning in the Tampa Bay area and continues to further that innovation through multi-media campaigns used for the Pinellas County Alternatives Analysis public outreach. We have also designed social media strategies that meet Florida’s Sunshine Laws.

X. Team Experience Working Together: Key personnel have been assembled for the team to address the needs of the project as expressed in the Housing and Urban Development application and the Partnership’s work plan and budget, approved May 2011. Individual members of our team have worked together on a number of projects over the past decades on a variety of projects ranging from planning to project implementation. Our team members have a history of working on various multi-discipline teams for regional planning projects and excel in project management of complex, multi-year projects. Jacobs and Arup have partnered on several large scale projects such as the Port of Miami Tunnel and the development of a flood risk management strategy to address tidal reaches in Wales and England. WRT has extensive experience in leading and working with large, sophisticated consultant teams on complex planning and design projects, and has a long history of collaborations with each of the core and many of the specialty firms on the team. Jacobs and MAGBE are currently engaged in the *Strategies for the Integration of Sustainability and the Transportation System* for the Miami-Dade MPO. WRT and PlaceMatters worked together on the *Albany 2030 Comprehensive Plan* and are currently working on the *Fort Lauderdale Vision Action Plan*. CREC and Healthways are a part of WRT’s team for the *East Tennessee Plan (PlanET)*. Jacobs and VHB have a long history of teaming throughout the east coast of the United States including Florida. We have been teamed on several significant planning on-call projects including the FHWA Eastern Federal Lands Highway Division for transportation planning east of the Mississippi River, and On-Call Planning Services for Maryland and Delaware Departments of Transportation.

XI. Translating Planning Efforts into Implementation: Our core team members are nationally recognized for producing plans that are consistently implemented. Our track record shows that our plans are realistic, action-oriented, and in the final analysis – implementable. For example, after preparing the master plan for revitalization of the Baltimore Inner Harbor in 1963, WRT realized this vision by completing over 100 implementation projects. In Greensboro, NC, the WRT-led team produced *Connections 2025 Comprehensive Plan* adopted in 2003 which has resulted in seven years of rigorous steady progress implementing this ambitious plan. Jacobs and Arup are currently partnered on seven major implementation projects including the *Forth*

Replacement Crossing in Scotland, the *Lancashire Strategy* (a flood risk strategy), two science buildings/labs for Princeton University in NJ, *San Francisco Federal Courthouse*, San Francisco, CA (a LEED Silver certified project), and a study of ventilation and life safety systems for the I-90 in Washington DC. Similarly, many of CREC's plans extend beyond strategic planning into execution, such as the *Future Forward Comprehensive Economic Development Strategy Implementation for the Western Piedmont Council of Governments* in North Carolina.

HOW WE ARE ORGANIZED – The Jacobs Team is organized in a matrix management style to provide streamlined but flexible participation by our professionals. Specialized Resource Team members will be available to support the Work Groups and our Strategic Global Advisory Team will review recommendations and provide feedback on the overarching issues and synergies among recommended solutions and demonstration projects.

Our Project Management Team is staffed to provide oversight for a complex project with multiple roles and technical areas. Cassandra Borchers, who manages the Program Management Contract for TBARTA, will provide strategic guidance. Brett Nein, having worked in South Florida for 27 years brings local relationships and a historical perspective. He will be working with Lynda Mifsud who brings strong management skills to the day-to-day activities and coordination of the work flow.

The organization of our team is accomplished through levels of participation as described below. This approach allows the Partnership access to various levels of expertise in a manner that meets variable needs throughout the plan development process.

- The **Strategic Global Advisors (SGA)** team is made up of seasoned, respected professionals with demonstrated leadership and history in sustainability to support the Partnership with a perspective steeped in experience from across the globe. They will review plans and recommendations as they develop, applying the synergies from their experiences to the cross-cutting issues among the Work Groups and advise the Partnership.
- Our **Resource Professionals** are drawn from our core team members and specialty firms. They will support each of the Work Groups and facilitate knowledge-sharing and strategy development.
- **Task Leads** provide the bridge between the collaborative plan development and the work plan products. They will oversee critical path technical activities, functions and work tasks in the collaborative planning process, including documentation, tools development, and implementation of demonstration projects. This will include facilitation of the four summits, development of the Regional Resource Library and Scorecard, and compilation of the collaborative scenario plan materials and reports.
- The **Community Collaboration Team** knows the importance of broadening participation over a large geographic area and among a diverse population. This team consists of local public engagement professionals with relationships in each of the seven counties. Transparency, innovation, and equity will be fostered through our eyes and ears on the ground.

A complete list of team member firms and their contact information is provided on page 8. Additional information on individual firms and their form of organization is provided on pages 14-17 and in the Appendix where space prohibits their inclusion in this document.

JACOBS TEAM CONTACT INFORMATION

PRIME CONSULTANT

Jacobs

800 Fairway Drive
Deerfield Beach, FL 33441
954-246-1234 office
www.jacobs.com

Brett Nein, RLA, ASLA
954-246-1407 direct
Brett.Nein@jacobs.com

Lynda Mifsud, AICP
954-246-1412 direct
Lynda.Mifsud@jacobs.com

CORE SUBS

Wallace Roberts & Todd

6619 South Dixie Hwy., #348
Miami, FL 33143
305-448-0788 office
www.WRTdesign.com

Silvia Vargas,
AICP, LEED AP
305-389-4737 cell
SVargas@WRTdesign.com

VHB Miller Sellen

225 E. Robinson St, Ste 300
Landmark Center Two
Orlando, FL 32801
www.vhb.com

Billy Hattaway, P.E.
407-839-4006 Ext. 8005
BHattaway@vhb.com

Arup

155 Avenue of the Americas
New York, NY 10013
917-216-1247 office
www.arup.com

Cameron Thomson, AICP,
CEnv, LEED AP
212-896-3136 direct
Cameron.Thomson@arup.com

COMMUNITY COLLABORATION TEAM

Monroe County and Miami-Dade counties

MAGBE Consulting Services

Magali Abad, President/CEO
2430 SW 18th St
Miami, FL 33145
www.magbeconsulting.com
305-491-0444
magbiabad@magbeconsulting.com

Broward County

Adams Consulting Group, Inc.

Pamela Adams, M.P.A.
PO Box 1697
Fort Lauderdale, FL 33021
www.adamsconsulting.biz
954-764-8500
padams@adamsconsulting.biz

Palm Beach County

LB Limited & Associates

Michael Brady, Principal
120 S. Dixie Hwy, Ste 205
West Palm Beach, FL 33401
561-833-8080
mr1pr@aim.com

Martin, St. Lucie and Indian River counties

Lucido & Associates

Morris Crady, Sr. VP
701 SE Ocean Boulevard
Stuart, FL 34994
www.lucidodesign.com
772-220-2100
MCrady@lucidodesign.com

SPECIALTY FIRMS

Economic Analysis and Workforce Development **CREC**

Kenneth E. Poole, PhD,
CEO/President
1700 N Moore St, Ste 2225
Arlington, VA 22209
703-522-4980
KPoole@C2ER.org

Health Baseline Metrics and Program Development **Healthways**

Emily Cook, VP Gov't Mkts
701 Cool Springs Blvd.
Franklin, TX 37067
www.healthways.com
615-614-4543 office
Emily.cook@healthways.com

Visioning/Communications **myregion.org**

Shelley Lauten, President
75 Ivanhoe Boulevard
Orlando, FL 32804
www.myregion.org
407-935-2444
Shelley.lauten@orlando.org

PlaceMatters

Ken Snyder, CEO/President
1536 Wynkoop St., Ste 307
Denver, CO 80202
www.placematters.org
303-964-0903
Ken@placematters.org



Southeast Florida's Regional
Vision and Blueprint for
Economic Prosperity

ROLES OF EACH TEAM MEMBER FIRM

Our Jacobs Team proposes assignment of subject-matter experts as shown to the right for the Strategic Global Advisors, Resource Team and Task Leads. Specific team roles are summarized by firm below. In addition, our locally-based public relations professionals form the Community Collaboration Team. They will tap into existing relationships and assist the Partnership in developing techniques to broaden participation from diverse populations and residents throughout the region.

Jacobs' professionals will provide overall project management, and be the task lead for the Resource Library, documentation, and public outreach activities.

WRT brings to the team their extensive experience in visioning and regional-scale planning, and will provide strategic expertise in sustainability in the areas of land use and growth management, housing, water resources, environmental planning and systems thinking. WRT professionals will lead the Summit facilitation with support from PlaceMatters, and will construct alternative future scenarios.

VHB will support planning and policy development in urban design, livable communities, environmental resources, transit and transportation, transit oriented development, water resources, sector planning and growth management, sustainable development, and public processes. VHB will lead the Regional Scorecard development coordinating with Jacobs and specialty subs.

Arup global sustainability experts will join our SGA. Arup's input to this project will draw upon three particular areas of Arup's experience: climate change science and research; climate change impacts and adaptation; and strategic advice and solutions.

Specialty firms will address communications (**myregion.org** and **PlaceMatters**), Workforce Development (**CREC**), and health metrics and planning (**Healthways**).

The logic model on page 10 illustrates how our team will interact with the Partnership to facilitate program activities in a manner that will produce the desired far-reaching outcomes. Key personnel are listed with summary data in our Team Matrix on pages 11-13. ***Our intent is to provide maximum flexibility in assigning subject-matter experts as work needs and information requirements dictate.***

KEY TEAM MEMBERS

Jacobs – WRT – VHB – ARUP

Master Consultant Mgmt Team

Cassandra Borchers, AICP,
Executive Project Director
Brett Nein, RLA, ASLA Proj. Dir.
Lynda Mifsud, AICP, Proj. Mgr.

Strategic Global Advisors (SGA)

Alan Hendry, Glasgow
David Rouse, Philadelphia
James A. Sellen, Orlando
Mark Watts, London
Jake Hacker, London
Ellen Greenberg, San Francisco

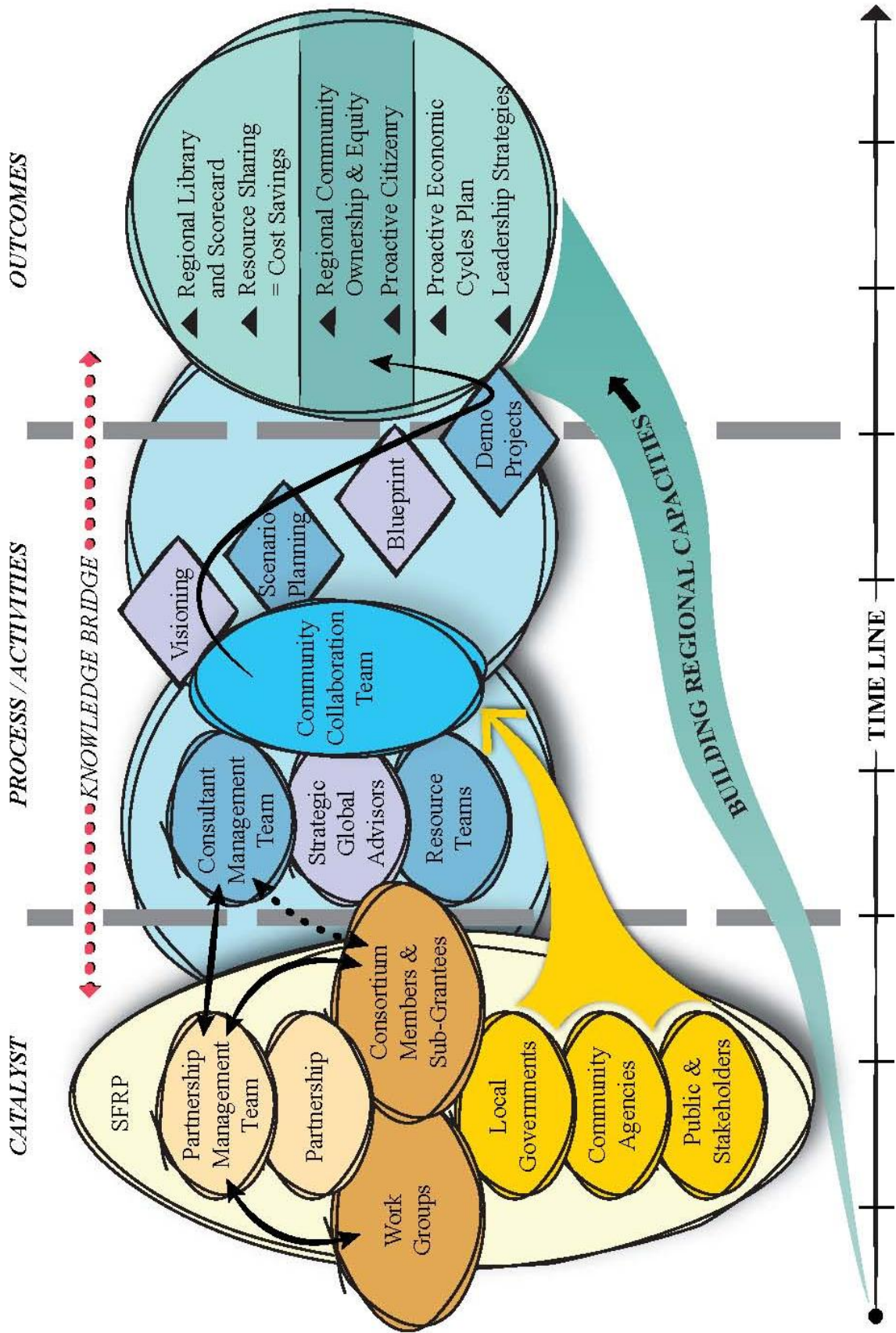
Proposed Resource Team:

1. Education, Workforce & Economic Development – CREC, James Ratliff
2. Development Patterns – Billy Hattaway, Jennifer Willman, Alan Zreet, Jeff Stiles, Ana Elias, Silvia Vargas, Nando Micale, Healthways
3. Environment & Natural Resources – Nan Jordan, Chris Barlow, Ronnie Falconer, Cameron Thomson, Mami Hara
4. Climate Resiliency – Al Wei, Amy Leitch, Kim Lundgren, Steve Thompsett, Greg Kight
5. Community Assets & Culture: Gary Cornell, John Jennings
6. Inclusive Regional Leadership & Equity: Edward "Ned" Baier, Curtis M. Ostrodka, myregion.org

Proposed Task Leads:

Regional Scorecard: Ken Schwartz
Resource Library: Vikas Jain
Summit Facilitator: John Fernsler
Scenario Modeling: Andrew Dobshinsky
Outreach: Mireidy Fernandez
Documentation: Lynda Mifsud
Peer Review: Strategic Global Advisor Team + ICLEI

How We Work Together:



JACOBS TEAM MATRIX: Key Personnel

Name/Title	Degree(s)	Overall Experience	Team Yrs	Office Location
Jacobs				
Chris Barlow Sr. Project Manager	BS Civil Engineering	11 yrs, Water Quality	1	West Palm Beach, FL
Ned Baier, AICP Sr. Project Manager	BS Planning	24 yrs. Public Policy	1	Tampa, FL
Cassandra Borchers, AICP Group Manager	BA Geography, Masters Community Planning	12 yrs, Visioning Process, Urban Planning/Policy	10	Tampa, FL
Gary Cornell, FAICP, Comm. Planning. Discipline Director	Bachelor in Architecture, Masters Community Regional Planning	30 yrs, Community and Regional Planning	30	Atlanta, GA
Ana Elias, PhD, PE, PTOE Sr. Project Manager	PhD. Civil Engineering ME Civil Engr.; BS Civil Engr.	20 yrs, Traffic Analysis, Travel Demand Modeling	3	Deerfield Beach, FL
Ronnie Falconer Sr. Climate Scientist	BS Civil Engineering, MS Public Health Engineering.	38 yrs, Coastal Management	36	United Kingdom
Mireidy Fernandez Media Relations	PsyD. Bus Psychology; MS Public Administration; BS, Mass Media	14 yrs, Education, Public Outreach	<1	Deerfield Beach, FL
Alan Hendry Town Planner	BA Planning, Adv. Diploma Environmental Planning	14 yrs, Sea Level Rise, LEED Consulting	3	United Kingdom
Vikas Jain, AICP, GISP Project Manager	MS, City/Reg Plng, MS Planning, BS Construction Technologies	9 yrs, Scenario Planning, Socio-econ, Modeling	6	Deerfield Beach, FL
Greg Kight, AIA, NCARB, LEED AP+, CDT,CSBA Project Architect	MA, Arch, BA Econ/PS, AA Liberal Arts	19 yrs, Water Use, Conservation, Renewable Technologies	3	Santa Ana, CA
Lynda Mifsud, AICP Sr. Project Manager	Bachelor of Science, Business and Commerce	28 yrs, Project Mgmt, Transit/Environ. Planning	2	Deerfield Beach, FL
Brett Nein, RLA,ASLA Sr. Project Manager	BLA; BA	27 yrs, Urban Planning, Parks, Landscape Design	9	Deerfield Beach, FL
James Ratliff, AICP, Project Manager	MS Planning, Grad Certificate in Urban Design, BA Humanities	10 yrs, Land Use, Zoning and Urban Planning	1+	Tampa, FL
Stephanie Sadowsky Sr. Economic Planner	MA Economics	10 yrs, Econ Modeling; Market & Fin. Analysis	9	Jacksonville, FL

Name/Title	Degree(s)	Overall Experience	Team Yrs	Office Location
David Scott, PE	BS, Agri and Biological Engr.	14 yrs, Water Master Plng	3	West Palm Beach, FL
Randy Sorenson, FASLA Unit Manager	BS Landscape Arch	34 yrs, Urban Planning	4	Fort Worth, TX
Jeff Stiles, AICP, PP VP Operations	BA Urban Studies	27 yrs, Transit and Transportation	18	Morristown, NJ
Steve Thompsett, Climate Scientist	BA Maritime, MS Coastal & Marine	15 yrs, Climate Change, Resiliency, Energy, Power	3	United Kingdom
Jennifer Willman, AICP Sustainability/Land Use Coord	MA Community Planning, BA Geography	12 yrs, Land Use Planning and Transit Oriented Devel	4	Tampa, FL
Allan Zreet, AIA Project Director	BA Architecture	29 yrs, Transit Oriented Devel/Urban Planning	10	Dallas, TX
Arup				
Ellen Greenberg, AICP Associate Principal	MS Transportation Engineering	25 yrs, Urban Planning	1.5	San Francisco, CA
Jake Hacker, Associate	BSc Math; PhD Environ Fluid Dyn	14 yrs, Climate Science	10	London, UK
Amy Leitch, LEED AP Sustainability Consultant	MA Environmental Management	7 yrs, Sustainability Consulting	3	New York, NY
Cameron Thomson, AICP LEED AP, Associate	Btech Environmental Pollution and Management	12 yrs, Sustainability Consulting	4	New York, NY
Mark Watts, Director	BA History/Politics	11 yrs, Public Policy and Climate Change	3	London, UK
Albert Wei, AICP, Urban Pln	MS Arch; MS City Planning	18 yrs, Urban Planning	3	New York, NY
VHB Miller Sellen				
Billy L. Hattaway, P.E. Sr. Transportation Engineer	MBA, BS Civil Engineering Technology	33 yrs, Transportation, Livable Communities	3	Orlando, FL
John Jennings, RLA, ASLA, Sr. VP	BA Landscape Architecture	30 yrs, Landscape Architecture/Planning	30	Orlando, FL
Kim Lundgren, Sustainability/GHG Advisor	BS, Environmental Science, MA, Urban & Environmental Policy	14 yrs, Sustainability/GHG	14	Watertown, MA
Curtis M. Ostrodka, AICP, LEED AP; Planner	BS, MS, Urban and Environmental Planning	7 yrs, Public Process	6	Orlando, FL

Name/Title	Degree(s)	Overall Experience	Team Yrs	Office Location
James A. Sellen , MSP Princpl, FL Planning Practice Leader	MSP, City Planning, BA, Political Science/PA	32 yrs, Sector Planning, Growth & Water Policy	27	Orlando, FL
Ken A. Schwartz , AICP Sustainable Devel Planner	MA, Urban/Environmental Policy, BA, Geography	26 yrs, Sustainable Development Planning	11	Watertown, MA
Wallace Roberts & Todd LLC				
Andrew Dobshinsky , AICP	BS, Engr in Digital Media Design	6 yrs, Urban Design/Plan	6	Philadelphia, PA
John Fernsler , AIA, Principal	BA & MA, MCP Arch, MCP	36 yrs, Urban Designer/Plng	36	Miami, FL
Mami Hara , AICP, ASLA Principal/Planner	BA Design of Environment, MLA	24 yrs, Landscape Arch, Planner, Urban Designer	24	Philadelphia, PA
Nando Micale , FAIA, AICP, PP, Principal	BA, Master Arch & Urban Design	26 yrs, Architect, Planner & Urban Design	17	Philadelphia, PA
David Rouse , ASLA, AICP, PP, LEED AP, Principal	BA, MLA	30 yrs, Landscape Architect and Planner	23	Philadelphia, PA
Silvia Vargas , AICP, LEED AP, Sr. Associate	BA, BA Arch, MUP	18 yrs, Planner	15	Miami, FL
Community Collaboration Team				
Pamela Adams , President Adams Consulting Group, Inc	BS Sociology/Political Science, MPA	30 yrs, Public Outreach	10	Ft Lauderdale, FL
Magali Abad , Pres. MAGBE	BA Psychology	35 yrs, Outreach/Grants	8	Miami, FL
Michael Brady , LB Limited	AA Photography	23 yrs, Media/Outreach		West Palm Beach, FL
Morris Crady , AICP VP Lucido & Associates	BS Environmental Science	30 yrs, Land Use Planning	22	Stuart, FL
Specialty Consultants				
Kenneth Poole , CEO CREC	PhD	25 yrs,	11	Arlington, VA
Emily Cook , VP Healthways	Masters degree in Education			Franklin, TX
Shelley Lauten , President myregion.org	BA English Education, Master in Student Personnel Administration	24 yrs, Strategic Planning, Brand Management, HR	12	Orlando, FL
Ken Snyder , CEO PlaceMatters	Masters Conservation & Devel; Dual BA Biology & Environmental	9 yrs, Planning	9	Denver, CO

OVERVIEW OF TEAM AND FORM OF ORGANIZATION – Our team has exceptionally qualified firms and professionals to address the multiple and complex issues in Southeast Florida combining extensive local knowledge with broad-based national and international planning experience. Our team possesses the best expertise available nationwide in the areas of visioning; ‘smart’ land use planning and growth policy; regulatory implementation; sustainable development; design for community livability; economic revitalization; innovative mobility and infrastructure planning; and consensus-building and public facilitation. See *Appendix* for complete list of corporate leadership and locations.

Jacobs is a publicly-traded company on the New York Stock Exchange (symbol JEC) with 170 offices worldwide and more than 60 offices located within the U.S. Headquartered in Pasadena, CA. Founded in 1947, with over 55,000 employees, we cover a broad array of industries, and a strong worldwide Sustainability Practice within Global Buildings North America and North America Infrastructure. This Master Consultant contract and work would be managed from our local Deerfield Beach office with support from staff located in Miami, West Palm Beach, and Tampa, Florida as well as locations throughout the U.S. and United Kingdom.

VHB Miller Sellen provides planning and engineering for transportation, land development, and environmental services throughout Florida, New England, Florida, New York, New Jersey, Maryland, Virginia, and North Carolina with over 850 employees. With two locations in Florida (Orlando and Sarasota), VHB-MS has been serving public and private sector clients throughout the state for over 30 years. Planning involves many elements: development patterns, mixed-use, and transit oriented development all supported through multimodal movement of people and goods including pedestrian, bicycle, transit and other vehicles. VHB’s planning approach is focused on the integration of transportation and land use. Their work in Palm Beach County with the Treasure Coast Regional Planning Council evidences this firm’s talents in multimodal planning and project implementation. Their nationally-recognized professionals offer clients strategic, forward-thinking of researchers, combined with the pragmatism and results-oriented approach of planners and engineers. Services provided for this contract would be primarily from VHB MillerSellen’s Orlando, Florida location with support from professionals firm-wide.

Corporate Leadership

Jacobs

Craig L. Martin, President & CEO
Noel G. Watson, Board Chairman
John W. Prosser, Jr. VP Finance
Kevin McMahon, NAI Group VP
Paul F. Wagner, NAI VP
Thomas McDuffie, GBNA VP
Tim Scarborough, GBNA VP
Tom Marwood, NAI Florida Mgr.

VHB Miller Sellen

Robert S. Brustlin, President and
Chairman of the Board
John B. Jackson, Treasurer
Robert M. Dubinsky, Clerk
William J. Roache, Asst Clerk
Michael A. Carragher, Southeast
Regional Manager

Wallace Roberts & Todd, LLC WRT is a leading national multi disciplinary planning and design firm that traces its leadership position in community planning and growth management to the legacy of firm founder Ian McHarg, whose landmark book *Design with Nature* put forth a new paradigm—one that demonstrated that growth can be guided in a sustainable manner, promoting economic vitality, while limiting stress and degradation of natural and cultural resources, and enhancing community identity and quality of life. This leadership position in planning has been recognized by a number of awards from the American Planning Association, including Landmark Plan awards for our *Sanibel Vision and Comprehensive Plan* and *Plan for the Valleys*, and most recently, a 2011 National Planning Excellence Award for a Planning Firm. This recognition is due to WRT’s continual innovation in our planning work and a track record for implementation in projects from multi-state initiatives to local planning challenges. WRT has maintained a presence in Florida since 1975, when it was retained to prepare the City of Miami Comprehensive Neighborhood Plan, the first to be adopted under Florida’s growth management act. Since that time the firm has led a broad range of landmark planning efforts throughout Florida, including the redevelopment plans for Miami (South) Beach, Fort Lauderdale Beach and Delray Beach, the award-winning growth management plan for the Florida Keys, (Monroe County), the Master Plan for Florida’s state capital district and the Master Plan for Amelia Island Plantation, the first coastal resort to be conceived based on ecological planning principles. While the firm’s fundamental philosophy of “designing with nature” and “revitalizing cities” endures after more than 40 years of planning practice, our ideas and techniques are constantly evolving in response to the increasing complexity of issues related to growth and change in the 21st century. They continue our leadership in innovation in planning for communities like Austin, where alternative future scenarios are being tested with precision against measures of sustainability and quality of life. WRT is also at the forefront of advances in planning for sustainability and green infrastructure, such as Atlanta’s *Project Green Space* and Philadelphia’s *GreenPlan*.

WRT Corporate Leadership

Locations:

Philadelphia, Miami, Dallas, Lake Placid, San Francisco

Executive Committee:

Ignacio Bunster-Ossa
Steve Hammond
David Rouse
Maarten Pesch

Principals:

Joe Healy, Managing Principal

John Benischeck; Ignacio Bunster-Ossa; Liz Clarke; John Fernsler; Antonio Fiol-Silva; Steve Hammond; Mami Hara; Joe Healy; Nando Micale; Maarten Pesch; David Rouse; Jim Stickley; Eric Tamulonis

Main office:

1700 Market Street, 28th Floor
Philadelphia, PA 19103
T: 215-732-5215
F: 215-732-2551

“WRT has cultivated a pioneering approach to planning while fostering a renowned culture of cooperation and teamwork. The extensive body of work produced by [the firm] is truly distinguished and continues to influence the planning profession today.”

Marie L. York, FAICP
APA Board Member and
2011 National Planning Awards
Jurv Chair

Arup is a wholly-independent organization owned in trust for the benefit of its employees and their dependants. Arup is the creative force at the heart of many of the world's most prominent projects in the built environment and across industry. International team-working is the stuff of everyday life for Arup's people. Arup's commitment to sustainability is both enshrined in a formal policy and embraced personally by the firm's professionals. Arup offers a broad range of professional services that combine to make a real difference to their clients and the communities in which they work.

Ove Arup founded his practice in 1946 and his ideals and principles continue to be the driving forces within the firm. Foremost among his beliefs are "total design" or the integration of the processes and the interdependence of all the professions involved. The creative nature of engineering design, the value of innovation, and the social purpose of design come together in responding to client needs. Today, Arup has more than 10,000 employees working in 35 countries. With over 900-person U.S. staff Arup provides a broad range of services on a wide range of project types. Arup has unique and extensive expertise in climate change resiliency drawing on a multitude of disciplines ranging from climate change policy development, behavioral change solutions, climate risk assessments (national, regional, local and building scale), strategic resilience studies, built environment mitigation and adaptation studies and community based projects. Arup has been at the forefront of climate change mitigation and adaptation solutions for many years providing practical and real solutions across the globe.

Specialty Firms

Center for Regional Economic Competitiveness

(CREC) is a national independent 501(c)3 non-profit research organization affiliated with George Mason University and the Council for Community and Economic Research (C2ER). Created in 2000, CREC's 11 employees support local leaders using innovative job creation strategies in a knowledge-driven economy.

myregion.org was formed in 1999 as a 501(c)3 business unit of the Central Florida Partnership to serve as a catalyst for that region's stakeholders and governments to act together in achieving global economic competitiveness.

Arup's Group Board

Philip Dilley, Chairman
Andrew Chan, Deputy Chairman
Jenny Baster
Michael Bear, Non-Exec Dir
Alan Belfield
Robert Care
Tristram Carfrae
Greg Hodkinson
L.M. Lui
Michael Kwok
Mahadev Raman
David Whittleton
Ngairé Woods, Non-Exec Dir

Region Leaders

Americas: Mahadev Raman
Australasia: Peter Baily
East Asia: LM Lui
Europe: Greg Hodkinson
UK/Mid-east/Africa: Robert Care

Practice Leaders

Buildings: Tristram Carfrae
Consulting: Alan Belfield
Infrastructure: Peter Chamley

Business Leaders – Eighteen businesses with regional and global leaders manage the business and work with practice leaders to encourage development and provision of relevant skills and services.

CREC Leadership

Kenneth E. Poole, PhD, CEO/Pres
Sean McNamara, COO/Exec VP
Erol Yildirim, Sr VP New Products

myregion.org

Shelley Lauten, President

Specialty Firms (continued)

Healthways, founded in 1981, is a worldwide publicly traded (HWAY, NASDAQ) firm of 3,500 employees that offers comprehensive solutions to improve well-being, decrease healthcare costs, enhance performance, and generate economic value for their clients.

Healthways, in cooperation with Gallup, produces a Well-Being Index and is a leader in health metrics.

PlaceMatters is a nationally-recognized nonprofit organization with 5 employees, started in 2002, that helps communities become sustainable and vibrant through better decision-making. Their Sustainable Solutions Group has extensive experience developing collaborative, inclusive, and informed decision-making processes with communities and agencies engaged in complex land use, sustainability, and transportation planning.

Community Collaboration Team Firms

MAGBE Consulting Services, Inc. is a woman-owned, MBE/DBE certified firm founded in 1996 engaged in public involvement, public relations, market research and grants management. MAGBE has worked for HUD, Florida Department of Transportation (FDOT), South Florida Water Management District, Florida International University Center for Aging, and the Hispanic and Native American communities.

Adams Consulting Group, Inc. is a full service woman-owned DBE certified firm founded in 2000. A proven leader in public outreach and engagement consulting, Pamela Adams has built a reputation for consensus-building throughout Broward County among community stakeholders and the public sector.

LB Limited & Associates, LLC, a Florida S-type corporation based in West Palm Beach was formed in 1990. The firm specializes in public involvement processes for large-scale public/private development projects working with private and public sector clients including FDOT, Federal Aviation Administration, Indian River County, Palm Beach County, and the City of Riviera Beach.

Lucido & Associates, LLC, a private company founded in 1988, is a land planning and landscape architectural services firm in Stuart and St. Lucie. Lucido is well-respected by governmental and private sector clients throughout the northern counties of the Region.

Corporate Leadership

Healthways

John W. Ballantine, Bd. Chairman

Ben R. Leedle, Pres/CEO

Thomas F. Cox, VP & COO

Matthew E. Elliher, President

International Business

Alfred Lumsdaine, VP/CFO

James W. Elrod, VP, GC & Sec'y

James E. Pope M.D., F.A.C.C., VP

Chief Science Officer

Jeff Klem, VP Human Resources

John Harris, M.Ed., FAWHP, VP

Innovations

Robert E. Stone, VP

PlaceMatters

Ken Snyder, President/CEO

Jocelyn Little, Director

MAGBE Consulting Services

Magali Abad, President/CEO

Adams Consulting Group, Inc.

Pamela Adams, President

LB Limited & Associates, LLC

Michael Brady, Principal

Bruce N. Lewis, Principal

Lucido & Associates

Thomas P. Lucido, President

Morris A. Crady, Senior VP

Steven Garrett, VP

Jane S. Krebs, Dir Landscape Arch

Gregory Bogs, Director Ft. Pierce

**Tampa Bay Area Regional
Transportation Authority**
3802 Spectrum Blvd, Suite 306
Tampa, FL 33612
Bob Clifford, AICP
813-282-8200
bob.clifford@tbarta.com

Key Staff: Cassandra Ecker,
Project Director, Scott Pringle,
Jennifer Straw, Jennifer Willman,
Ned Baier, James Ratliff

Website: www.TBARTA.com

Jacobs' Role:

Current Services:

- Consultant management
- Project oversight
- Program management
- Strategic/long-range/policy planning
- Alternatives development and analysis
- Cost estimating
- Geospatial information systems
- Extension-of-staff
- Community/public involvement
- Stakeholder facilitation
- Web-based communications

Future Services:

- NEPA documentation
- Purpose and need
- Environmental justice
- Existing conditions
- Farmland
- Indirect and cumulative impacts
- Land use
- Mapping of constraints
- Section 4(f)
- Section 6(f)
- Socioeconomic analysis

Professional Services Fees:
\$6.5 million (Master Plan and Update)

\$3.1 million (Jacobs portion)

Start Date: July 2007

Completion Date: 2011



In support of the newly created Tampa Bay Area Regional Transportation Authority (TBARTA), the FDOT pledged technical

assistance to meet a legislated mandate of a Regional Transportation Master Plan adoption by July 2009. The Master Plan examined regional transit and toll facility needs for a seven-county, 6,000 square mile area in West Central Florida that included the development of corridor and mode options needed to meet the regional demands for mobility choices related to economic development, access to affordable housing and jobs, and maintaining quality of life. This work also included a process for resolving conflicts between local land use and transportation plans in addition to Mid-Term and Long-Term Regional Visions supported by an expansive local bus network.

The project has also included the exploration of governance options and funding and financing opportunities, for the TBARTA Board to pursue projects are implemented. The inaugural Master Plan was adopted in May 2009, ahead of schedule. Priority corridors adopted in December 2009, and funded by FDOT Districts One and Seven, are now being prepared for implementation.

Jacobs led a two-year update of the Master Plan, which included expanded roadway and freight improvements, which was adopted June 2011. Public and multi-jurisdictional agency engagement has been broad based and intensive through the use of regional media, website polling, community workshops and telephone town hall meetings, speakers bureau, presentations, and social media. **Between June 2008 and June 2011, the TBARTA Team, led by Jacobs, has reached over 120,000 people in the region with more than 850 printed news articles.**

Treasure Island Sustainability

San Francisco Bay, California

Start and end dates: September 2010- Mid 2011

Contract amount: \$800,000

Name and address of the client:

Treasure Island Community Development LLC
One Avenue of the Palms, 2nd Floor,
Treasure Island
San Francisco, CA 94130

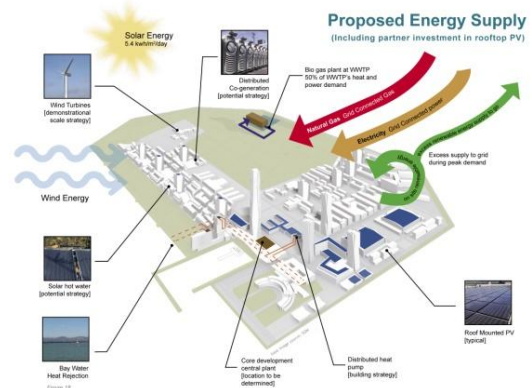
Client Contract Information:

Mr. Jared Blumenfeld
US Environmental Protection Agency, Region 9
75 Hawthorne St.
San Francisco, California 94105
T +1 415 947 8000
E blumenfeld.jared@epa.gov

Key consultant staff who worked on the project: Cameron Thomson

An overview of the project including work performed and progress of the plan and implementation.

Arup has provided consulting advice to the Treasure Island development team since 2005. The original appointment was to support the development of the transportation plan and to give sustainability advice on green infrastructure strategies. Arup prepared material on transportation strategies including a comprehensive transport demand management program, supported by enhanced transit and a new ferry service. In parallel, Arup developed the Sustainability Plan that became part of the entitlement documentation. This Plan established metrics for phased implementation of strategies that addressed energy, water, waste, mobility, open space and community planning. Arup continues to be involved in advising on LEED accreditation and the implementation of low carbon infrastructure.





START/END DATES

1996-2000

CONTRACT

\$2.8 Million Total

\$600,000 WRT

CLIENT

Ministerio de Vivienda
(MIVI) – Housing
Ministry Av. Ricardo J.
Alfaro; Edificio Plaza
Edison 4 Piso
507-279-9200 Ph
507-279-9200 Fax
mimi@mivi.gob.pa

CLIENT CONTACT/ PROJECT MGR.

Enrique Morales
Project Overseer,
Inter-American
Development Bank

KEY STAFF

Silvia Vargas
John Fernsler

STATUS: Completed

Strategic Urban Development Plan for the Metropolitan Areas of Panamá and Ciudad Colón

PANAMA

<http://www.mivi.gob.pa/urbanismo/4urbanismo/urbanismo/plan.htm>

<http://www.mivi.gob.pa/paginasprincipales/urbanismo07.html>

WRT, in association with a multi-national consortium, prepared this plan for the national Ministry of Housing and Urban Development (MIVI). Consisting of a 1,236-square mile area which includes two major cities, 60 counties and approximately 1.2 million residents, the regional population is projected to double by 2020. The plan guides the development associated with this tremendous amount of growth toward a more sustainable land use pattern in order to protect the ecologically sensitive watershed area that feeds the Panama Canal and provides potable water to the population.

Adopted in 2000, the plan includes a detailed fiscal strategy, an organizational structure plan, and a regulatory and legal framework. Implementation activities undertaken since then include:

- Development of Geographic Information System including staff, training, and equipment.
- Organizational changes at MIVI, including strengthening the Urban Development Division and mechanisms for interagency coordination.
- Adoption of mechanisms incentivizing local governments to amend their zoning consistent with the regional land use plan.
- Design and construction of the “Cinta Costera,” a linear “green lung” that reclaims the coastline of Panama City for public use.



PROFESSIONAL RESUMES

PROFESIONAL RESUMES

Jacobs Team Resumes: Table of Contents

Professional	Page	Education, Workforce & Econ Devel	Development Patterns	Environment & Natural Res	Climate Resiliency	Community Assets & Culture	Inclusive Regional Leadership & Equity	Other Support
		Areas of Expertise by Work Group						
Jacobs								
Chris Ahern, EI	J-1			X	X			
Chris Barlow	J-2			X	X			
Ned Baier, AICP	J-3		X				X	
Cassandra Borchers, AICP	J-4	X	X					X
Gary Cornell, FAICP	J-5		X	X		X		
Ana Elias, PhD, PE, PTOE	J-6		X					
Ronnie Falconer	J-7			X	X			
Mireidy Fernandez	J-8	X						X
Alan Hendry	J-9	X		X	X		X	X
Vikas Jain, AICP, GISP	J-10		X					X
Nan Jordan	J-11			X		X		
Greg Kight, AIA, NCARB, LEED AP+, CDT, CSBA	J-12		X					
Lynda Mifsud, AICP	J-13		X	X		X		X
Brett Nein, RLA,ASLA	J-14	X	X			X		X
Jill Quigley, AICP	J-15		X	X				
James Ratliff, AICP	J-16	X	X					X
Kevin Regalado, AIA, LEED AP, NCARB	J-17		X			X		
Stephanie Sadowsky	J-18	X						
David Scott, PE	J-19			X	X			
Randy Sorensen, FASLA	J-20	X				X		
Jeff Stiles, AICP, PP	J-21		X					
Steve Thompsett	J-22			X	X			
Jennifer Willman, AICP	J-23	X	X					
Andy Wilson	J-24		X					X
Allan Zreet, AIA	J-25	X	X					
Arup								
Nathan Chase, PE	A-1				X	X		
Ellen Greenberg, AICP	A-2	X	X					X
Jake Hacker	A-3				X			X
Renee Lee, PhD, PE LEED AP	A-4					X		X
Amy Leitch, LEED AP	A-5		X		X			
Andy Thompson, PE, LEED AP	A-6				X			
Cameron Thomson, AICP LEED AP	A-7		X	X	X			X

Jacobs Team Resumes: Table of Contents

Professional	Page	Education, Workforce & Econ Devel	Development Patterns	Environment & Natural Res	Climate Resiliency	Community Assets & Culture	Inclusive Regional Leadership & Equity	Other Support
		Areas of Expertise by Work Group						
Polly Turton	A-8		X		X			X
Mark Watts	A-9				X		X	X
Albert Wei, AICP	A-10		X	X	X			
VHB Miller Sellen								
Ruth M. Bonsignore, P.E.	V-1		X				X	
Michael J. Carragher, P.E.	V-2		X					
Chris Conklin, PE	V-3		X					
Jonathan L. Feinstein	V-4			X			X	
Billy L. Hattaway, P.E.	V-5	X	X					
John R. Jennings	V-6		X					
Kim Lundgren	V-7			X	X			
Curtis M. Ostrodka, AICP, LEED AP	V-8						X	
Leo Pierre Roy, LEED AP	V-9			X	X			
Ken A. Schwartz, AICP	V-10		X	X				
James A. Sellen, M.S.P.	V-11	X	X				X	
Gary M. Serviss, LEED AP	V-12			X				
Wallace Roberts & Todd, LLC								
Andrew Dobshinsky, AICP	W-1		X					X
John Fernsler, AIA	W-2	X	X	X			X	X
Mami Hara, AICP, ASLA	W-3		X	X	X	X		
Nando Micale, FAIA, AICP, PP	W-4		X	X		X		X
David Rouse, ASLA AICP LEED AP	W-5	X	X	X	X		X	
Silvia Vargas	W-6	X	X	X		X		X
Specialty Consultants								
Kenneth Poole, CREC	S-1	X	X					
Emily Cook, Healthways	S-2	X	X					
Shelley Lauten, myregion.org	S-3	X					X	
Ken Snyder, PlaceMatters	S-4		X				X	X
Community Collaboration Team								
Pamela Adams, Adams Consulting	C-1						X	X
Magali Abad, MAGBE Consulting	C-2						X	X
Irela Bague, MAGBE Consulting	C-3						X	X
Michael Brady, LB Limited	C-4						X	X
Thomas Lucido, Lucido & Assoc.	C-5	X	X			X		X
Morris Crady, Lucido & Assoc.	C-6	X	X			X		X



Christopher P. Ahern, EI
Ports Planning and Engineering

Mr. Ahern is an experienced project and program manager for a variety of waterfront development and water resources projects. He uses his high degree of professionalism and integrity to build relationships and effectively manage projects to minimize risk and manage effective project teams.

Education

M.B.A. Moore
School of Business,
University of South
Carolina, Columbia,
SC, 2010

B.S., College of
Engineer,
Environmental
Engineering
Sciences,
University of
Florida,
Gainesville, FL,
1999

Registrations

Engineering Intern,
Florida
(1100005377),
1999

Years of

Experience

Since 1999

Charleston Harbor Total Maximum Daily Load (TMDL) for Dissolved Oxygen. Project manager for hydrodynamic and water quality data analysis to evaluate proposed reduction in NPDES permit loads for various discharges in Charleston Harbor. Evaluation of accumulated data and recommendations to Cooper River Users Group, an industry group evaluating the proposed reductions in permitted loads. Prepared estimates for the capital improvements required for Charleston Harbor users to achieve load reductions proposed by State and Federal Resource Agencies.

Savannah Harbor Expansion Project (SHEP). Mr. Ahern performed a variety of roles for the Georgia Ports Authority's effort to evaluate impact of a proposed deepening of the Savannah River Federal Navigation Channel from 42 ft MLW to a depth of 48 ft MLW. He was Project Manager for the analysis and presentation of accumulated data from 96 day continuous hydrodynamic and water quality monitoring event during summer 1999. Responsible for the preparation of documentation summarizing results of 3-D Model Calibration and predictions of impacts resulting from alternative depths for deepening of the Savannah River Navigation Channel. He was also Field Data Collection Manager for continuous monitoring events during the summer of 1999.

Stormwater Engineer for the Town of Port Royal, SC. Mr. Ahern was responsible for on-call services to the Town of Port Royal, SC related to stormwater management and drainage improvement projects. Analyzed drainage issue reports and submitted recommendations to Town for corrective actions. Review of bid packages for major works including drainage improvements, reestablishment of hydroperiod in impacted freshwater wetlands and design and construction drawings were distributed.

Agitation Dredge Impact Evaluation Study, Savannah, GA. Mr. Ahern was the Project Manager for study by USACE Savannah District, Georgia Ports Authority (GPA) and Savannah River Users Group to evaluate the impacts to water quality resulting from sediment plume during agitation dredging operation. Agitation dredging is common berth depth maintenance technique in Savannah Harbor. Agitation dredging methods include I-Beam dragging and 12" hydraulic dredging with sidecasting proposal into Savannah River Federal Navigation Channel.



Christopher A. Barlow

Water Quality/Everglades Restoration

Mr. Barlow has over 13 years of experience in analyses and designs of water treatment and supply systems, such as Surficial and Floridian aquifer wellheads, membrane filtration, chemical feed systems, water stabilization, degasification and odor control systems; hydraulic modeling and master planning of water distribution and wastewater collection systems; corridor evaluation, survey coordination, design, permitting, construction observations and final certification of pipeline and wastewater pump station rehabilitation and installation projects; vulnerability assessments and emergency response plans; and extensive experience in horizontal directional drill projects.

Education

B.S., Environmental Engineering,
University of Florida,
1998

Registrations

Professional Engineer
in Florida (59256),
2003

Years of Experience
Since 1998

Water Master Plan, City of Tamarac, FL. Project engineer for the development of a comprehensive 20-year Water Master Plan. Tasks included asset inventory and condition assessment, field investigations, computerized hydraulic model development, population and flow forecasting, and recommendations for development of a 20-year Water Capital Improvement Program.

Indian River County Utilities, South Regional Reverse Osmosis Water Treatment Plant - Pipe Replacement, Indian River County, FL. Project engineer for the design and construction associated with the replacement of the 20-year-old water treatment plant's problematic fiberglass piping with stainless steel piping while maintaining operation of this essential facility. This piping included a replacement of large underground fiberglass raw water collection manifold with a high density polyethylene by-passing and temporary placement of four new cartridge filters. This by-pass piping allowed for the removal and replacement of the existing fiberglass feed water piping with new stainless steel feed water piping while maintaining full production capacity of the water treatment plant, and remained in place as the new raw water supply.

Water Distribution Systems Hydraulic Analysis, Martin County Utilities, Martin County, FL. Project engineer providing hydraulic modeling analysis of Martin County's water distribution systems. The analyses are performed using GIS and WaterCAD/WaterGEMS, a computer hydraulic modeling program used to analyze pressure flow pipe systems. The model is the tool used in establishing capital budgets for improvements to the water distribution system. These improvements included items for more efficient system operation as well as planning for future growth and demands. Future conditions were determined based on projected population growth and land uses over the next 20 years.



Edward L. Baier, AICP

Public Policy

Mr. Baier brings 23 years of experience in local government and MPO transportation planning. His experience in people and cross-functional management, facilitation and communication, and MPO/transit/local government make him a strong project leader. Mr. Baier brings skill in technical analysis, public participation, agency and policy board coordination. He also allocated transportation planning and development review section resources and provided for project management. Mr. Baier developed scope of work and managed consultant selection processes. He managed and guided professional consultants, engineers and planners on a multitude of projects, including Capital Improvement Element, Concurrency Annual Report, Transportation Corridor Preservation Plan, Constrained Roads Study, Truck Route Plan, and Multi-Modal Transportation District.

General Planning Consultant (GPC), Hillsborough County Metropolitan Planning Organization (MPO), Hillsborough County, Florida.

Services provided under this multi-task contract have included the Long Range Transportation Plan (LRTP) Update Phase 1 for costs, revenues, technologies, focus groups, and technical memoranda; Water Ferry Planning Phase 2 for cost, ridership, revenues, partnership coordination; and LRTP Phase 2.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan Update, Task Manager.

Elements include transit, freight, roadway, air quality, public engagement, electronic town hall meetings, agency coordination, and MPO coordination in the seven-county region. Managing completion of technical memoranda and assisting through the adoption process with TBARTA Board and committees.

GPC, Sarasota/Manatee MPO, Sarasota/Manatee MPO, Sarasota and Manatee Counties, Florida, Project Manager.

Services under this GPC start in July 2011. Projects anticipated include: Developing multi-modal transportation plans for the U.S. Highway 41 corridor; developing a bicycle and pedestrian master plan; implementing telephone town hall technology and other public engagement techniques; and providing policy planning and support for regional planning activities.

Hillsborough County Planning & Growth Management (PGM) Department, Transportation Division, Section Manager/

Transportation Planning. Managed, coordinated and monitored the PGM Transportation Planning Division. Responsible for planning, policy analysis and grant funding for transportation capital projects and programs. Primary planning staff liaison with MPO, HART, Expressway Authority, Hillsborough County Aviation Authority, TBARTA (regional transit/rail), and transportation management organizations.

Education

B.S., Community & Regional Planning, Minor Political Science, Iowa State University, 1984

Continuing

Education: Master courses

Transportation, University of South Florida, Center for Urban Transportation Research (CUTR)

Registrations

American Institute of Certified Planners, (111230), 1998

Years of Experience

Since 1987

**Education**

MS, Urban Planning,
University of Illinois
Urbana-Champaign,
1998

BA, Geography,
University of Illinois
Urbana-Champaign,
1994

**Professional
Registrations**

American Institute
of Certified
Planners, (015916,
2000

**Professional
Affiliations**

American Institute
of Certified Planners
(AICP)

Women's
Transportation
Seminar (WTS),
Past President-
Tampa Bay Chapter
Leadership
Hillsborough, Class
of 2000

Greater Tampa
Chamber of
Commerce

American Planning
Association (APA)

Experience
Since 1998

Cassandra Ecker Borchers, AICP

Visioning Process/Urban Planning/Policy

Ms. Borchers brings 13 years of experience in transportation planning in transit planning, corridor studies, NEPA analyses, and innovative public outreach techniques. Her capabilities include transportation and transit planning, and program development. Her primary interest in transportation planning is a multi-modal approach to building livable communities. It is Ms. Borchers' responsibility and philosophy to be responsive to client needs and develop implementation-focused products through a holistic approach that balances strong strategic planning, technical data, and people-friendly presentation.

TBARTA/FDOT Regional Transportation Master Plan, West Central Florida; Project Manager. In support of the newly created Tampa Bay Area Regional Transportation Authority (TBARTA), the FDOT pledged technical support to meet a legislated mandate of a Regional Transportation Master Plan adoption by July 2009. The Master Plan examined regional transit and toll facility needs for a seven-county, 6,000 square mile area in West Central Florida while ensuring the movement of passengers and freight. Public and agency engagement has reached over 120,000 people in a broad-based and intensive program through the use of regional and local media, website, polling, community workshops, telephone town hall meetings, speakers bureau presentations, and social media. The project has included the exploration of governance options, and funding and financing opportunities for the TBARTA Board to pursue as projects move toward implementation. The inaugural Master Plan was adopted in May 2009, ahead of schedule. An update was adopted in June 2011. Jacobs continues as TBARTA's Program Manager, ensuring coordinated and consistent corridor studies for priority projects.

South Florida Regional Transportation Authority (SFRTA) Strategic Regional Transit Master Plan. Miami –Dade, Broward, and Palm Beach Counties, FL, Project Manager. After completion of Tri-Rail's double tracking, SFRTA began a process to identify new projects to implement in concert with their regional legislative mandate. The SFRTA SRTP examined key regional trip flows and connections underserved by transit. Multiple options were examined within each potential corridor to develop a series of networks that were tested against four alternative land use scenarios. Ms. Borchers designed a workshop series that focused team resources, experience, and schedule constraints within budget and schedule. Through the workshop series, national experts convened to examine analysis results of multiple rounds of alternatives and develop three potential transit networks along evaluation criteria themes: Productive, Connective, and Value. The final result of the project was a network of prioritized regional projects for the year 2030, which will help determine how the SFRTA will expand its service to the region in combination with county-based transit services.

**Gary Cornell, FAICP**

Community Planning Discipline Director

Mr. Cornell is the Community Planning Discipline Director for Jacobs with over 30 years of professional planning experience. He specializes in the coordination of land use planning with transportation planning and environmental analysis. He has also managed large and complex public participation processes, lectured, and served on the planning faculties at the graduate university level at Georgia Institute of Technology and Florida State University. Gary has a distinguished record of professional service including: Member of the Governor's Environmental Advisory Council for the State of Georgia, and Comm. Chair that developed the Georgia Environmental Leadership Institute; Member of the Steering Committee, Inter-professional Community Design Collaborative, which carries out "Best Practices" conferences and leads charrettes in local communities to demonstrating principles of sustainable development and livable communities; Technical Advisory Comm. of the Tallahassee 21st Century Transportation Council, Co-Chair; a participatory project to identify innovative strategies for coordinating transportation and land use planning.

His vast project experiences throughout the Southeast U.S. foster his value on this project's Community Assets & Culture work group Resource Team, and includes; Envision Gulf Shores Master Plan and Beachfront Zoning Ordinance, Gulf Shores, Alabama; Town of Braselton, GA, Downtown Historic District Zoning Overlay, an innovative zoning overlay district using historic prototypes design guidelines for compatible infill; Southern Regional Accessibility Study, Atlanta Regional Commission, land use planning & scenario evaluation for multimodal transportation study of 6 metro counties south of Atlanta; Quality Growth Tool Kits, 12 user-friendly toolkits, ready-to-use strategies & measures for local GO's to implement policies of the Regional Plan for Livable Centers; Land Use Allocation and Forecasting System, Bay County, FL, project to develop a model linking population and employment forecasts to future land use requirements. Eglin Air Force Base Strategic Partnership Initiative, developed an intergovernmental coordination strategy for EAFB, planning and managing land use, water supply, transportation, and environmental resources.

Education

M.S., City and Regional Planning, with Distinction, Harvard University, Cambridge, MA (1978)

B.A., Architecture, Georgia Institute of Technology, Atlanta, GA (1973)

Total Years of Experience

30

Certifications & Affiliations

College of Fellows, American Institute of Certified Planners

District 2 Planning Commissioner, DeKalb County, GA

Board of Directors, Georgia Chapter, American Planning Association

Professional Development Officer, Georgia Planning Association



Education

Ph.D., Civil
Engineering,
University of Florida,
1998

M.E., Civil
Engineering,
University of Florida,
1996

B.S., Civil
Engineering,
University Cordoba,
Argentina, 1989

Registrations

Professional Traffic
Operations Engineer,
Florida (2332), 2007

Professional
Engineer, Florida
(66369), 2007

Years of Experience
Since 1991

Ana Elias, PhD, PE, PTOE

Traffic Analysis/Traffic Demand Modeling

Ana Elias has more than 20 years of experience in several areas of the transportation field such as traffic engineering, computer simulation, transportation modeling, highway safety, and transportation economy. She has excellent knowledge of specialized transportation software (VISSIM/VISUM, PARAMICS, HCS-2000, TSIS 5.1, Synchro and TransCAD, among others, including GIS packages), and thorough understanding of all areas of the transportation industry. Ms. Elias was involved with the McTrans Center of the University of Florida in the development and testing of numerous traffic simulation and optimization software packages, including HCS-2000 and TRANSYT-7F.

West Palm Beach Transit Oriented Development Mesoscopic Model, FDOT District Four, Fort Lauderdale, Project Manager/Technical Director.

The City of West Palm Beach, the Palm Beach County Traffic Engineering Department, Treasure Coast Regional Planning Council in collaboration with FDOT developed a planning-level mesoscopic model-ing tool to evaluate development proposals for downtown West Palm Beach. This tool was developed using the Florida standard FSTUMS software package that includes Cube Base, Cube Voyager, Cube Avenue and Cube Cluster. The model process converts land use inputs into two peak period trip tables (AM and PM), which were further sub divided into six 30- minute trip tables. Finally, these tables were loaded and dynamically assigned to the study area network using Cube Avenue.

Central Broward DEIS, Fort Lauderdale, FL, Sr. Traffic Engineer.

This study developed and evaluated a series of transit corridors and modes in Central Broward County to determine the most effective way to accommodate future east-west travel demand. VISSIM microsimulation software was used to simulate and evaluate the traffic and transit operations in the corridor. Ana manages the “VISSIM/3-D Modeling Supplemental Services” task related to this project. The purpose of this task is to evaluate the future operating characteristics of SR 7, between Riverland Road and Broward Boulevard, and along Broward Boulevard, from SR 7 to just west of I-95 with at-grade transit service along the median of these two arterial roadways.

Dupont Plaza Traffic Circulation PD&E Study Review, Miami, FL, Project Manager.

Responsible for conducting a new traffic circulation study for an ongoing PD&E study within the Downtown area of the City of Miami, which analyzed the merits of converting existing one-way streets to two-way roads. The project included the development of VISSIM simulations for several alternatives as well as different scenarios with different degree of transit-usage to identify the impact of the proposed conversion in the general circulation of the area.



Ronnie Falconer

Coastal Management

Mr. Falconer is responsible for major UK and international water and environmental management and modeling projects including the Perth Flood Alleviation Scheme and the Andhra Pradesh Flood Warning and Watershed Management Study.

Currently Project Director for the Shannon Catchment Flood Risk and Management Project. Project Principal for the Dublin FloodResilientCity project. Project Principal and technical direction on over 10 surface water management and modeling projects including in London, Manchester, Warrington, Preston and Dover; a study to improve understanding of pluvial flood risk in Scotland and studies under the TE2100 project to assess the interface between pluvial, groundwater and sewerage flooding, and options to mitigate tidal and fluvial flood risk. Lead technical input on flood and coastal management and modeling projects for Edinburgh.

Member of the Scottish Government Flood Risk Assessment Group which provided technical advice through the Scottish Advisory and Implementation Forum on Flooding on implementation of the Flood Risk Assessment (Scotland) Act 2009. Member of the EWA European Technical and Scientific Committee. Member of the Steering Group for the Flood Risk from Extreme Events research program.

Expert witness on flooding and planning issues at several Public Inquiries. Lead author for Scottish Government commission to draft guidance for Scottish Local Authorities on promotion and implementation of flood management projects. Member of the quality review team which reviewed catchment flood management plans prepared under the Environment Agency Catchment Flood Management and Planning program. Various projects under the UK Government Making Space for Water program (including the RF5 Flood Warning for Other Forms of Flooding, HA4a Flood Mapping for Other Forms of Flooding, HA5 Groundwater Flooding and HA2 Urban Flood Management Pilots).

In addition to flood risk management and modeling studies other experience includes coastal management studies; drainage area investigations; mains rehabilitation and asset management studies. International experience includes India, Egypt, Nigeria and Italy.

Education

1974: MSc Public Health Engineering

1972: BSc (Hons) Civil Engineering

Years of Experience

Since 1974

Professional Affiliations

Chartered Engineer

Chartered Scientist

Chartered

Environmentalist

Fellow of the Institution of Civil Engineers

Fellow of the Chartered Institution of Water and Environmental Management (CIWEM)

2000/2001: President of CIWEM



Mireidy Fernandez

Education/Public Outreach

Mireidy is an award-winning journalist with 10 years of journalistic experience in the print and broadcast media. She has worked for some of the top news organizations such as *The Miami Herald*, the *South Florida Sun-Sentinel* and NBC News. She was a member of the *Herald's* Pulitzer Prize winning team in 2001 for the Elian Gonzalez case in South Florida. She has won multiple awards from the Florida Press Club for news stories pertaining to the aftermath of the Sept. 11th terrorist attacks and farm issues involving wage disputes. She is a professional writer and editor who has written articles for QSR Magazine. Mireidy was one of a handful of news reporters chosen to cover Hurricane Charley in Charlotte County in 2004, following the devastation in Southwest Florida.

Mireidy has advanced planning experience focusing in the areas of comprehensive planning, neighborhood planning, transportation planning and environmental planning. She is a certified Charrette Planner from the National Charrette Institute and is a member of the American Planning Association. Mireidy has experience conducting traffic studies, making policy recommendations and changes to parking requirements and developing ordinances and resolutions to implement master plans. She has worked developing various elements of the comprehensive plan for the City of Naples, including land use, capital improvements, redevelopment and parks and recreation.

Mireidy will be graduating with a doctorate degree in business psychology in 2012 with a concentration in mediation and conflict resolution. She is also a college professor of undergraduate students in the field of strategic thinking and psychology. She is bilingual in English and Spanish.

Mireidy has been featured in *Gulfshore Life Magazine* and recognized by the Southwest Florida Hispanic Chamber of Commerce for her contributions to the media.

Education

PsyD., Business Psychology,
University of the Rockies, Colorado Springs, CO (2012)

M.S., Public Administration,
Hodges University, Naples, FL (2004)

B.S., Mass Media Communications,
Florida International University, Miami, FL (1998)

Total Years of Experience

14

Certifications

National Charrette Planner, National Charrette Institute, Seattle, WA

Planning workshops on sustainability, smart growth, form-based code and transit-oriented development, Florida Gulf Coast University, Fort. Myers, FL

**Education**

BA (Hons) in
Planning Glasgow
Advanced Diploma in
Environmental
Management bell
College

Years of Experience

Since 1987

**Professional
Affiliations**

Board Member of the
Industrial Power
Association

Former Regional
Board Member of the
Scottish
Environmental
Protection Agency

Alan Hendry

Sea Level Rise/LEED Consulting

Jacobs, Head of Sustainable Development

Alan heads sustainable development activity in Jacobs' UK Offices, working with colleagues to develop bids and enhance Jacobs' sustainability offering in the UK and globally. Alan has worked on a range of both strategic and operational sustainability initiatives including sustainability appraisals, sustainability work in the Caribbean, Jacobs Corporate Sustainability Report, bid support and liaison with key clients. Alan runs Jacobs Global Sustainability Practice Group.

Alan has worked with key clients such as the Highways Agency on their Sustainability Framework, Transport Scotland on the Forth Replacement Crossing, Fife Council on the new Schools Programme, The Scottish Prison Service, Scottish Water Solutions, Babcock Marine, Dublin Port and SNIFFER.

AEA Program Development Manager

Alan was the Programme Development Manager for AEA, managing business development in the Sustainability, Climate Change and Transport sectors within Scotland, at Scottish Government, Local Authority and private sector level

Scotland Business Manager Envirowise Program. Alan was the Business Manager for Envirowise Programme, promoting resource efficiency to Scottish businesses and the public sector.

Regional Development Manager KTP. Alan was the Regional Development Manager for the Knowledge Transfer Partnerships Programme (KTP).

Sustainable Development Commission. Alan led the first ever comprehensive review of Scotland's Sustainable Development Strategy "Choosing Our Future" which was commissioned by the Sustainable Development Commission in Scotland.

Scottish Enterprise. Alan developed and led the first ever sustainable development "learning journey" undertaken by Scottish Enterprise. This involved taking a range of leading Scottish companies to Berlin in Germany to visit Volkswagen, Bosch, O2, Vattenfall and Berlin Airport to witness how German companies embedded sustainable development into their business activities.



Vikas Jain, AICP, GISP

Scenario Planning/Socio-Economic Modeling

Over the past 10 years Vikas has worked on high profile and complex transportation planning and regional development planning projects. He has extensive experience using Geographical Information Systems (GIS) for socioeconomic, land use, demographic, and environmental analysis for systems scenario planning on transportation-land use planning projects. Mr. Jain is proficient with GIS based software, including ArcGIS and ArcView and database analysis software such as SPSS. He also has experience with software like ERDAS IMAGINE and TransCAD, Cube Voyager, used for land use change detection, spatial analysis and transportation modeling.

Education

MS, City & Regional Planning, Clemson University (2003)

MS, Planning (Housing), School of Planning, CEPT (2000)

BS, Construction Technology, School of Building Science & Technology, CEPT (1998)

Registrations

American Institute of Certified Planner, (#020097), 2003

Certified Geographic Information Systems (GIS) Professional (GISP), (#00057880), 2008

Years of Experience

Since 2000

Professional

Affiliations

American Institute of Certified Planners (AICP)

American Planning Association (APA), Member, Florida Chapter

Strategies for Integration of Sustainability and the Transportation System, Miami-Dade, FL; GIS Analyst.

Selected by the Miami-Dade MPO through the General Planning Services contract to complete a review of current trends in sustainability as it pertains to the transportation system, identify sustainable scenarios appropriate for Miami-Dade, and evaluate the impact these scenarios may have on the transportation system. Miami-Dade County Metropolitan Planning Organization (MPO), Strategies for Integration of Sustainability & the Transportation System, FL. Responsible for the developing sustainable transportation scenarios and methodology for evaluating transportation strategies using Southeast Florida Regional Planning (SERPM) model. The focus of the project was to accommodate future travel needs in Miami-Dade County using travel demand management strategies.

Future Growth Scenarios; GIS Analyst. Assisted the Hillsborough County City-County Planning Commission with the creation of future growth scenarios and developed an interactive software program to allow elected officials and members of the public to create their own growth scenarios for their County. Assisted with developing and analyzing alternative population and employment growth patterns for four different scenarios (transit oriented development, unrestricted growth, redevelopment and activity centers scenarios) for Hillsborough County.

Northeast Plant City Master Plan, Plant City, FL; GIS Analyst.

Worked with property owners, elected officials, and representatives from local, regional and state agencies to develop a set of guiding principles, create conceptual land use scenarios and identify implementation steps. The completed master plan established a vision of the future development pattern desired and was endorsed by the City of Plant City, Hillsborough County and the Hillsborough Metropolitan Planning Organization. Responsible for developing a spatial model for land use suitability assessment using GIS.

**Education**

Graduate Studies in
Zoology, University
of South Florida

University of South
Florida

Florida Institute of
Government
Executive Fellows
Program

B.A., Biology,
University of South
Florida, 1981

**Years of
Experience**

Since 1983

Nan Jordan

Environmental Management/Ecological Sciences

Ms. Jordan has over 27 years of experience in the environmental field including 15 years with the Florida Department of Environmental Protection and 10 years with major international and local consulting firms focusing on state transportation projects. Her expertise includes federal, state and local environmental policy, permitting, and compliance specializing in wetlands, wildlife, water quality, aquatic ecology, and mitigation. Responsibilities include the preparation and oversight of documentation required for compliance with National Environmental Policy Act (NEPA), the Clean Water Act, Rivers and Harbors Act, the Endangered Species Act, the Magnuson-Stevens Fishery Conservation and Management Act, and Florida's Environmental Resources Permitting and wildlife management laws. Other experience includes ecosystem restoration, mitigation construction project management and agency coordination.

Port of Miami Tunnel – FDOT, District 6, Miami-Dade County, Florida. Project Environmental Manager responsible for the acquisition of environmental permits required for the construction of a twin tube tunnel under the navigation channel of the Port of Miami and associated infrastructure. Responsibilities include agency coordination, protected species consultations and water quality and habitat impact assessment as required by the requisite agencies, the development of technical support data and the production of environmental permit applications. A total of 23 environmental permits were required including multiple Florida Environmental Resource Permits (ERP), US Army Corps of Engineers(USACE) regulatory permits (Section 404 and Section 10), and Miami-Dade County Department of Environmental Management permits

Marco Island Bridge Replacement, FDOT, District One, Collier County. Environmental Manager responsible for agency coordination, field assessment, preparation and submittal of required regulatory permit applications including State of Florida Environmental Resource Permits, US Army Corps of Engineers regulatory permits (Section 404 and Section 10), and US Coast Guard permit and environmental clearances required for the replacement of a single span draw bridge with twin fixed structure and fishing piers over Big Marco Pass in the Big Marco River.

FDOT, District One. General Engineering Contract, Environmental Permitting Services. Task Manager Tasks included conducting wetland delineations, wildlife surveys, boat surveys; preparing applications for State of Florida Environmental Resource Permits, US Army Corps of Engineers regulatory permits (Section 404 and Section 10), US Coast Guard, agency coordination and in-house training of FDOT staff.

Education

Masters of
Architecture 1992
Southern California
Institute of Archi-
tecture (SCI-ARC)

BA, Economics and
Political Science
1987 University of
Colorado at Boulder

Registrations

Certified Sustainable
Building Advisor
(CSBA) Santa
Monica College
2007-2008

Registered Architect
State of California
Lic #: C31369
expires 09/30/11

Registered Architect
State of New York
Lic #: 031248-1
expires 5/4/11

USGBC LEED
Accredited
Professional

NCARB Certified
#125385

2007 Long Beach
Heritage
'Preservation
Award': Kight
Residence

Years of Experience

Since 1992

Greg Kight, AIA, NCARB, LEED AP+, CDT, CSBA

Water Use and Conservation/Renewable Technologies

As a licensed architect with more than 19 years experience, Greg has focused his career on leadership in sustainable design. With a passion for the integrated design approach, Greg is a LEED Accredited Professional, a Certified Sustainable Building Advisor (CSBA). As National Director of Sustainable Design for Global National Building Program, Greg is responsible for the overall guidance of LEED and Sustainable projects. Greg is currently the LEED project administrator for multiple projects and responsible for LEED specifications and contractual language, with a staff dedicated to support this effort.

Arden Hills Army National Guard Training Site (AHATS), Arden Hills, MN.

The 1,500 acre AHATS site is being developed as a case study model for sustainability within the National Guard. Greg was a key facilitator in a three day intensive eco-charrette where he focused on the introduction of sustainable strategies and technologies which complemented the master plan. Site specific solutions included, Low Impact Development (LID), rainwater harvesting, and building envelope energy efficient measures.

Las Cruces Army Training Facility: Energy Reduction Pilot Project, Las Cruces, New Mexico.

Greg organized an eco charrette and has served as the key sustainability consultant on the overall project. This 'Net Zero' project is pursuing LEED Platinum NC v2.2 with Solar Hot Water Panels, Solar Photovoltaics, Rammed Earth Construction, and rainwater harvesting techniques. This project is designed to achieve Net Zero Energy and consists of Rammed Earth construction coupled with 184,000 kWh Solar PV, Solar Water Heaters and a Rainwater Harvesting system. Greg has led a 'greening charrette' and has been instrumental in managing the discipline and consultant team.

Rhode Island Army National Guard Rhode Island (RIARNG) USPFO Facility, Rhode Island,

348,480-SF site being developed with 63,260 square feet of vertical construction. This project is pursuing LEED Silver through self-certification with the USGBC. Greg is the Project Administrator and LEED consultant on the project.

SSA National Support Center, The effort has included providing sustainable guidance language for LEED NC Version 3 prerequisites including commissioning, Integrated Design Approach and regional priority credits. Since Data Centers are included in the scope of work, the overall sustainability objectives have been aggressive.

Oregon Army National Guard (ARNG) the Oregon Flight

Operations, Salem, OR. LEED Project Administrator. Greg was the Project Administrator and responsible for the overall coordination of disciplines to achieve LEED certification.



Lynda Mifsud, AICP

Project Management/Transit and Environmental Planning

Ms. Mifsud has 18 years of transportation planning experience, specializing in transit and environmental planning, and 10 years in financial planning. As Environmental Planning Manager for Houston preparation of statements, assessments and reports that covered a myriad of technical areas and issues; provided compliance support to design teams relative to performance objectives; conducted numerous successful Section 106 historic property reviews, Section 404 Clean Water Act permit review, environmental and socio-economic review processes, and public outreach campaigns. In Houston, Lynda took a leadership role in the development of an air quality improvement plan for the region adopted by the state to attain EPA's health standards and worked with METRO's Engineering and Operations to reduce emissions from bus fleet and construction activities. As Construction/Contracts Manager for HART's Engineering Division in Tampa, Florida, Lynda was responsible for all phases of planning and construction for transit infrastructure including NEPA compliance, funding and grants management, cost estimating, schedules, easements acquisition and agreements, site selection, design and engineering, permitting, contracts, and construction management.

Central Broward East-West Transit Draft Environmental Impact Statement, Fort Lauderdale, FL. This Florida Department of Transportation project is planned to serve east/west travel demand for a 20-plus mile corridor involving diverse urban and suburban development patterns. Lynda is the lead for the Conceptual Design for the Modern Streetcar, the technology selected for one of the Build Alternatives to minimize cost and neighborhood consequences, and for consistency with a downtown streetcar project under separate study.

South Florida Regional Transportation Authority Northern Layover/Maintenance Location Study. Managed the assessment of space needs, property search, and evaluation of alternatives to address Tri-Rail commuter rail layover and maintenance needs at the northern end of the tri-county service area in Palm Beach County. This study led to project development and environmental assessment now in progress.

Alternatives Analysis METRO Solutions, Houston, TX. Managed the public and agency NEPA scoping process for the study initiation of for five METRORail the North, Southeast, East End, Southwest and Uptown light rail expansion corridors. Her personal coordination with federal, state and local agencies and stakeholders led to a successful and well-attended effort. These projects are now in construction.

Education

B.S. in Business and Commerce,
University of Houston, 1981

Registrations

American Institute of Certified Planners

Years of Experience

Since 1980

Professional Affiliations

American Planning Association (APA),
Member, Florida Chapter



Brett Nein, RLA, ASLA

Urban Planning/Parks/Landscaping Design

Mr. Nein, with more than 27 years of professional experience in Urban Design & Planning Unit in the state of Florida. He is a registered Landscape Architect in Florida and has served as the Florida Chapter president for the American Society of Landscape Architects. His expertise includes planning services, landscape architectural services, and public agency work, as well as client representation, extensive project management, and contract execution. Mr. Nein has been involved in a full range of projects types from small commercial and high-end residential sites to the management of multi-phase/multi-parcel Developments of Regional Impact. He also has additional experience as an expert witness in landscape and environmental case matters, which serve to complement his private work with issues of public concern. Currently, Mr. Nein serves as the Chair of the Wilton Manors, Florida Planning & Zoning Board, and as a School Board Member, appointed on the School Board of Broward County Florida, Facilities Task Force.

Education

B.L.A., Landscape Architecture,
University of
Florida , 1984

A.A., Liberal Arts,
Broward
Community
College , 1980

Continuing Education

Florida Uniform
Building Code
Training, 2007,
American Society
of Landscape
Architects

Florida Highway
Landscape Design,
2006,
ASLA/FDOT

Registrations

Registered
Landscape
Architect, Florida
(LA0001156),
1987

Years of Experience

Since 1984

FDOT PD&E Manual Chapter 15 / Aesthetics, FDOT-CEMO, Tallahassee, FL, Project Manager. Leading current effort to re-write a completely new Aesthetics Effects chapter for the PD&E manual. The final draft integrating current national strategies for aesthetic improvements to transportation infrastructure has been completed, and will be moving through adoption procedures in early 2011. Additional work is proceeding to develop a separate Aesthetics manual for professionals use in Florida.

City of West Palm Beach, TOD, West Palm Beach, FL; Project Manager. Serving as a consultant for the Treasure Coast Regional Planning Council and the City of West Palm Beach CRA. Providing development feasibility studies, master planning, infrastructure evaluation and preliminary architectural massing studies for this future intermodal facility. The facility is planned to contain State and County Departments of Health offices, American Red Cross offices and the Palm Tran county offices as well as residential, retail, hotel and private offices.

US 1 Corridor Enhancement Plan, Monroe County, FL, Principal Landscape Architect. Jacobs prepared plans to establish design guidance for enhancements to US 1 from Sugarloaf Key (MM 16) to Little Torch Key (MM 29). Objectives were to identify a community vision for the corridor, analyze existing conditions restricting/limiting improvements, formulate a set of alternatives for corridor improvements, build community consensus on the preferred enhancements and develop an alternative(s) implementation plan.



Jill Quigley, AICP
Planning/Land Use

Jill has 16 years of experience as a professional planner. She provides planning expertise on a variety of the firm's projects including transportation planning, municipal planning, growth management, environmental planning, and land use studies. Recent project experience includes the Miami-Dade MPO Sustainability Task; the Hillsborough County Future Growth Scenarios and the Northeast Plant City Master Plan.

Education

M.S., Urban &
Regional Planning,
Florida State
University, 1995

B.S., Biology, Tulane
University, 1992

Registrations

American Institute of
Certified Planners
(14802), 1999

Years of Experience
Since 1994

**Professional
Affiliations**

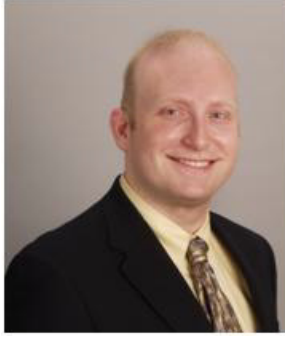
American Institute of
Certified Planners
(AICP)

American Planning
Association (APA),
Member, Florida
Chapter

Strategies for Integration of Sustainability and the Transportation System, Miami-Dade, FL; Project Manager. Selected by the Miami-Dade MPO through the General Planning Services contract to complete a review of current trends in sustainability as it pertains to the transportation system, identify sustainable scenarios appropriate for Miami-Dade, and evaluate the impact these scenarios may have on the transportation system. As part of the task, we are working with a Study Advisory Committee comprised of a diverse set of representatives from Miami-Dade County and other local and regional agencies.

Future Growth Scenarios; Project Manager. Assisted the Hillsborough County City-County Planning Commission with the creation of future growth scenarios and developed an interactive software program to allow elected officials and members of the public to create their own growth scenarios for their County. The project raised awareness of the complex issues associated with long-range planning, particularly protection of natural resources, infrastructure costs, and economic and social conditions. We estimated the build out population and employment for the County and developed four future growth scenarios illustrating how this growth could be distributed. Scenarios were presented to the Planning Commission to use the interactive tool to create their own scenarios.

Northeast Plant City Master Plan, Plant City, FL; Project Manager. Worked with property owners, elected officials, and representatives from local, regional and state agencies to develop a set of guiding principles, create conceptual land use scenarios and identify implementation steps. The completed master plan established a vision of the future development pattern desired and was endorsed by the City of Plant City, Hillsborough County and the Hillsborough Metropolitan Planning Organization.

**Education**

M.S., Planning,
Florida State
University,
Tallahassee, Florida,
2006.

Graduate Certificate
in Urban Design,
Florida State
University,
Tallahassee, Florida,
2006.

B.A., Humanities,
University of South
Florida, Tampa,
Florida, 2001.

**Registrations and
Certifications**

American Institute of
Certified Planners,
(021917)

Florida Supreme
Court Certified
Circuit Civil
Mediator, (23964R)

Years of Experience
10 Since 2001

James Ratliff, AICP

Land Use/Zoning and Urban Planning

Over the past 10 years, Mr. Ratliff has provided public and private sector clients with technical expertise centered around the principle of client satisfaction. Mr. Ratliff's experience in a wide variety of planning areas, including schools planning, project and task management, development orders and agreements, zoning, comprehensive planning, multi-modal transportation district planning, rail-to-truck transfer facilities planning, water quality monitoring, and affordable and workforce housing, enable him to draw upon a broad experience base to accomplish project objectives. His ability to bring unique, out-of-the box thinking to bear on projects, contributes to better result for our clients.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan. Seven County Region, West Central Florida, Task Manager for Land Use Coordination/Transit Oriented Development.

Pinellas Alternatives Analysis (AA). Pinellas County, Florida. Task Manager for Land Use and Alternative Growth Scenarios.

Clear Springs Sector Plan. Clear Springs Land Company, LLC, Polk County, Florida, +/- 18,000 acres, Project Planner for Existing Conditions and Affordable Housing Report.

City-Wide Multi-modal Transportation District Design Guidelines. City of Temple Terrace, Florida, +/- 4,400 acres. Task Manager for Urban Design Guidelines and Implementation Strategies.

4G Ranch Conservation Subdivision and Wetland Mitigation Bank. Mr. Ted Phillips, Sr. (Phillips & Jordan), Pasco County, Florida, +/- 2,905 acres, Project Planner for Planning, Design and Zoning efforts.

General Planning Consultant. City of San Antonio, Pasco County, Florida. Project Manager for Development Review and Coordination.

Lakewood Centre DRI. Schroeder-Manatee Ranch, Inc., Manatee County, Florida, +/- 700 acres, Project Planner for Affordable and Workforce Housing Voluntary Mitigation Program.

Cypress Creek Town Center DRI. Richard E. Jacobs Group, Inc. and Sierra Properties. Pasco County, Florida, +/- 510 acres. Project Manager for Developments of Regional Impact Compliance Monitoring, Land Use Approvals, and Development Agreements.

Martin Marietta Materials Aggregate Rail to Truck Transfer Facility. Martin Marietta Materials. Pasco County, Florida, +/- 88 acres, Project Planner for Zoning and Comprehensive Plan Land Use Amendments.

Kevin Regalado, AIA, LEED AP, NCARB
Historic Preservation

Education

BA, Architecture
University of Kansas,
1994

AA Architecture
Miami-Dade
Community College,
1990

Registrations

Florida Registered
Architect (0016483);

National Council of
Architectural
Registration Boards
(NCARB);

LEED Accredited
Professional

Mr. Regalado had more than 20 years of experience in architecture design, master planning, preparation of construction documents, project management and construction administration. His experience includes the design of mixed-use projects, industrial facilities, transportation facilities, educational facilities, office buildings, and aviation facilities, commercial and large-scale multi-family projects for both public and private clients.

Service Plaza Renovations, Service Plaza Strategic Plan, Various Locations, State of Florida Department of Transportation,

Florida's Turnpike Enterprise Project Manager to provide architectural interiors and MEP engineering contract documents for seven plaza buildings of which 3, consisting of 58,500 sf, will be renovated and 120,500 sf will be new construction. Also provide civil, site utility engineering, landscape architecture and intelligent transportation system contract documents and professional surveying for six of the plazas. The project also includes design elements which will target LEED certification of the new facilities for LEED NC "Silver" award level.

Years of Experience
Since 1994

District Wide Facilities ADA Program Survey, New South Central Area, the school Board of Broward County, Broward County, Florida Project Manager for providing Program Surveys for each of the fifteen facilities included in the scope of work. The Scope included the following tasks: Analysis of previous ADA survey information and preparing FISH plan; Meetings with the school representative(s) to collect information regarding all of the programs, services & activities offered at the school and identify their physical location in the school using the facility FISH Plan; Collect information regarding Post 1992 construction and proposed building demolition at each school; Processing of information collected. Information will be submitted in both graphic (color coded FISH Plans) and written format as the deliverable as outlined by the client.

Facility Assessments and Plant Survey, Miami-Dade County Public Schools, Miami, Florida Project Manager providing building

inspection services to include architectural and structural elements for capital improvement scope issues. Over 130 schools are being surveyed throughout a five-month period. Surveying and inspection information includes; deficiency reports, life cycle analysis and verification of existing site conditions. Quantities were also provided for cost estimating purposes. The information provided in the inspection reports will be used to ascertain the school board's five-year capital improvement program.



Stephanie Sadowsky

Market and Financial Analysis/Economic Analysis/Modeling

Stephanie Sadowsky serves as a project manager and senior consultant for private and public sector projects. She specializes in blending the strategic side of consulting with data-driven analysis. Her work includes facilitation of work sessions and preparation of sampling methodologies and flowchart work processes to determine areas for improvement. Stephanie has extensive experience in strategic business planning, financial analysis, organizational assessment, facilitation, statistical analysis, GIS analysis and portfolio asset optimization.

IRS, Detroit Computing Center; Senior Consultant. Project team is providing information to IRS management to facilitate a decision to either renovate the Computing Center building as an office building develop a Program of Requirements, perform a real estate analysis using GIS information, create a ROM cost estimate and net present value cost analysis and provide evaluation tools and recommendations for the two scenarios. Role is to develop the cost analysis model.

GSA, Theodore Levin US Courthouse Master Plan; Senior Consultant. Updated financial model projecting revenue and potential rental rates based on eight scenarios for renovation or replacement of the Levin Courthouse.

Department of the Navy, Naval Weapons Station (NWS) Seal Beach Project Validation Assessment (PVA); Senior Consultant. Suggested alternative pricing strategy for increased revenue for a project outlined for NWS Seal Beach to expand an RV storage lot. From information obtained at on-site charrette, produced a financial review including Return on Investment (ROI), Internal Rate of Return (IRR) and payback analysis.

Department of the Navy, Naval Air Station (NAS) Pensacola Project Validation Assessment (PVA); Senior Consultant. Reviewing and vetting projects outlined for NAS Pensacola to construct a new Youth Center and expand an RV park. Market analysis contains principal competitors, customer base identification and future demand projections. Financial analysis compares status quo to base proposed scenario and team suggested alternative scenario.

New Jersey Department of Transportation (NJDOT), New Jersey Department of Project Management and Construction (NJDPMC); Senior Consultant. Performing analysis of workplace survey results by job description and building location. Providing statistical review and presentation support.

US Marine Corps (USMC), Heritage Center Financial Model; Consultant. Track donations and contractor expenses in a cash flow model. Model projects monthly budgets and incorporates interest rates, contingency use, retention, and contract modifications.

Education

MA, Economics,
2001, University of
Delaware

BA, International
Studies, 1999,
University of
Wyoming

Years of Experience
Since 2000

Professional Affiliations

American Economic
Association (AEA)

Education

B.S., Agricultural
and Biological
Engineering,
University of
Florida, 1997

Registrations

Professional
Engineer, Florida
(58166), 2002

**Years of
Experience**

Since 1997

David O. Scott, PE

Water Supply/Water Master Planning

David Scott is a Project Manager in the Palm Beach Gardens, Florida office with more than 13 years experience. His expertise includes project planning and management, project monitoring and controls, and quality assurance. During the course of his career, he has gained expertise in the fields of water resources engineering, hydraulic/hydrologic modeling, permitting, design and construction.

Relevant Project Experience

City of Riviera Beach Stormwater Master Plan High Priority Stormwater Project, Project Engineer, City of Riviera Beach. Project consisted of “high priority” projects to address local drainage problems in the City of Riviera Beach that were identified in the Stormwater Master Plan. Projects consisted of replacing blocked and undersized culverts, installing a trench drain system to reduce standing water and installing exfiltration trench and inlets.

South Florida Water Management District (SFWMD) Technical Review Support, Project Manager, SFWMD. The project consists of providing detailed technical reviews for Everglades Restoration and Capital Projects for the SFWMD.

Boca Rio Road, SW 18th Street to Palmetto Park Road, Project Engineer, Palm Beach County. Boca Rio Road is a 1.2 mile Palm Beach County road located in southern Palm Beach County. The project consisted of raising the profile and widening the existing two lane road to a four lane urban design section. Project engineer responsible for the design and permitting of the surface water management system.

Everglades Mitigation Bank, FPL Group, Project Manager. Supervised a team of engineers and field personnel during the design and construction of a portion of Phase II of the Everglades Mitigation Bank. The project included the design and construction of 40 water control structures through the SFWMD L-31E Levee, a crocodile nesting site, removal of roads in sensitive wetland areas. This project required extensive coordination between project Qualified Mitigation Specialist (QMS), FPL personnel and contractors.

Martin County Road 609, Basin Study, Martin County, Project Manager. Supervised and assisted in the modeling of approximately 20 square mile drainage basin to determine the cause of persistent flooding of a county roadway.

NPBCID Unit 47, Project Engineer, NPBCID. Team leader and technical expert for the design of a conceptual Master Surface Water Management System for approximately 900 acre Unit of Development located in Northern Palm Beach County Improvement District.



Randy Sorensen, FASLA
Urban Planning

Education

BS, Landscape
Architecture, 1980,
Utah State University

Associate of Applied
Science, Pre-
Architecture, 1977,
Brigham Young
University-Idaho

Registrations

Registered Landscape
Architect, 2008, AR,
#325; 2007, CT,
#1093; 1983, MA,
#74; 1992, NY,
#001352; 2005, TX,
#02291; 1992, UT,
#108752-5301,

Years of Experience
Since 1980

Professional

Affiliations

Urban Land Institute
(ULI)

American Society of
Landscape Architects
(ASLA)

Society for College
and University
Planning (SCUP)

Downtown Ft. Worth
Urban Design
Committee

Mr. Sorensen serves as Design Principal in the Jacobs Consulting unit that specializes in urban design and planning. As a Fellow of the American Society of Landscape Architects, his expertise includes landscape architecture, urban design, and master planning. Using his design talent, he has won numerous national awards for his work. He brings to the table a depth of experience in a variety of project types and size covering the gamut of public spaces. Well-versed in new urbanism and sustainable design concepts, Mr. Sorensen works to integrate them into his projects as a cohesive part of a holistic approach to site design. He has used his skills in public participation to develop finished projects that succeed in addressing project objectives and needs of the client, political interests, the community, and neighborhood groups.

Riverfront Plaza, Hartford, CN. Mr. Sorensen directed the design and construction phases of the \$200 million air-rights urban park elevated above Interstate 91. The plaza joins the downtown area of Hartford to its riverfront park system and to the new Founders Bridge spanning the Connecticut River to East Hartford. This project changed the dynamics of the City and plays a major role in providing public space for community interaction with programmed seasonal activities including: music performances, boat races, fishing contests, fireworks, community fair, and daily noontime musical performances. This project is the recipient of an Honor Award, the highest honor given by the American Society of Landscape Architects in the area of design.

XTO Park, Fort Worth, TX. XTO Energy Corporation commissioned the design of an urban park situated in the center of downtown Fort Worth. The site was the former location of a 30-floor office tower. The park is a street level rooftop situated over a multi-level underground parking garage. It covers the entire city block and is surrounded by other office buildings and the corporate offices of XTO. The park offers a respite from the busy bustle of urban life and provides a public gathering place, areas for contemplative individual rest, areas to sit and outdoor eating, a park café, cart vendors and other passive recreational uses, as well as a civic gathering space.

Charles River Crossing, Boston, MA. Mr. Sorensen managed the design process for a three-firm joint venture and a complex public process for this \$20 million urban, balancing the needs of 32 public agencies and numerous public constituents, along with design and documentation oversight. The 19-acre park is a realization of Charles Elliot's desire to connect the historic Charles River Park Reservation to the Boston Harbor. This park is part of the multi-billion dollar Central Artery and Third Harbor Tunnel project in the center of Boston., with the vast Zakim Bridge towering overhead.

Education

B.A., Urban
Studies/Urban
Planning, University
of Denver, 1983

Leading Professional
Service Firms,
Harvard Business
School - Executive
Management Degree,
2004

1994, Linking Land
Use and
Transportation
Planning, Lincoln
Institute of Land
Policy, Springfield, IL

Registrations

American Institute of
Certified Planners
(AICP)

Professional Planner,
NJ

Years of Experience

Since 1983

Jeffrey Stiles, AICP, PP

Transit and Transportation

Mr. Stiles has extensive experience in the management and technical direction of large multi discipline planning assignments. He has directed major assignments involving the comprehensive evaluation of transportation, land use and environmental projects. Mr. Stiles has been responsible for a large number of comprehensive transportation studies ranging from large multi-stage major investment studies to small local transportation plans. He has completed a number of assignments for transit operations, DOT's and various Metropolitan Planning Organizations throughout the country. Assignments have included the evaluation of projects involving bus rapid transit, light rail transit, commuter railroads, local and commuter bus lines and highways. Mr. Stiles has extensive experience in the FTA "New Starts" process.

Miami-Dade County, Kendall Corridor Alternatives Analysis (AA) Project Manager

for a multimodal AA to address mobility issues within this complex urban corridor in southern Miami-Dade County. The AA was performed in accordance with the FTA new starts process and evaluated several potential corridors providing access to downtown Miami and Miami International Airport. Modes of transit evaluated included rapid transit, LRT, DMU, BRT as well as managed lanes. Key elements of the project included integration with existing transit services in the region, preservation of existing roadway capacity and extensive outreach and public education.

Chicago Region Environmental and Transportation Efficiency Project Planning and Environmental Manager

for the evaluation, preliminary design and environmental documentation phases of a two billion dollar freight and passenger rail rationalization project in the Chicago metropolitan area. The project entails developing creative solutions to complex operating and infrastructure conditions involving five Class 1 railroads and Metra's commuter rail service in south Chicago. The preferred solution involves extensive infrastructure upgrades including two new rail over rail flyovers through residential neighborhoods, new mainline tracks and numerous street closures.

NJ TRANSIT, Northern Branch Corridor DMU Draft**Environmental Impact Statement (DEIS), Bergen County, NJ**

Project Director of an Environmental Impact Statement and Conceptual Engineering for a planned new light rail service in Bergen County. Responsible for the overall direction of the EIS document, assigning project resources, and client quality assurance. The proposed service would be a 10-mile new start rail project. Joint use of the corridor with the existing CSX freight service was a significant consideration in this EIS. The project includes analysis of a new two track DMU rail line, ten stations, a yard, bridge rehabilitations and C&S to create a service every 15-minutes during peak periods in this corridor.

**Education**

BA(Hons), 1996
Maritime Studies
MSc Coastal and
Marine Resource
Management, 1999

Years of Experience
Since 1996**Professional
Affiliations**

Member of the
Chartered Institute of
Water and
Environmental
Management
Member of the
CIWEM Rivers and
Coastal Group
Committee
Member of the Royal
Institute of Chartered
Surveyors

¹ The UK Govern-
ments first compre-
hensive review of
Flood and Coastal
Risk Policy in Eng-
land and Wales – A
strategy to 2020.

² Department of
Environment, Food
and Rural Affairs.

Steve Thompsett CWEM, MCWEM

Climate Change /Resiliency/Energy and Power

Mr. Thompsett has more than 15 year experience in the management and development of policy in the coastal zone. Strong professional background in project and program management, with experience of driving cross-Government environmental policy programs in the UK. Excellent knowledge and experience in the development of Flood and Coastal risk adaptation. He has held key advocacy roles across Government departments and agencies within England and Wales and possesses an excellent understanding of the challenges faced in delivering sustainable Flood and Coastal Erosion Risk Management (FCRM) in the context of climate change and broader adaptation need. He provides a tangible link between policy development and delivery for Jacobs, enabling us to foresee many of the challenges faced by our clients from emerging policy and legislation to ensure efficient, timely and cost effective delivery.

Jacobs, Head of Climate Resilience and Adaptation, UK.

Driving the growth of the Jacobs Climate Resilience and Adaptation Group in the UK. We provide the full range of Climate Assessment and Climate Adaptation solutions in both natural and built environments and for private and Government clients. Current work includes identifying strategic solutions for the long-term management of Surface and Groundwater flooding across the 33 Local Authorities (LA's) in London and the 9 LA's across Greater Manchester.

Jacobs, Consultant/ Divisional Director - Flood and Coastal Risk Policy, UK.

The development and ownership of Jacobs Rivers, Estuarine and Coastal, Non-Environment Agency, Business specifically in FCRM Policy areas. Steve has worked as a Project Manager, Project Principal and Director on a range of projects from policy development, cutting edge coastal managed realignment schemes, Post Project Appraisal, FCRM strategies and business case development. He delivered the UK Governments first 'Coastal Overview Map', to deliver requirements from the Flood and Water Management Act 2010.

Environment Agency, Policy Manager and Program Manager, England and Wales.

Responsible for 80% of FCERM policy development within the Environment Agency; covering Strategic and Spatial Planning, Modeling, Mapping, Risk and Data Policy. Steve was also Program Manager for 'Making Space for Water'¹ for both the Environment Agency (and Defra² on behalf of the Governments Head of Flood and Coastal Management) and provided specific technical expertise in determining detail for the Strategic Overview on the Coast in England.

**Education**

Master of
Community
Planning,
University of
Maryland-College
Park, 2000

B.A., Geography,
University of
South Florida-
Tampa, 1995

Registrations

American Institute
of Certified
Planners (AICP),
2004, (019453)

Years of**Experience**

12

Jennifer Willman, AICP***Land Use Planning and Transit Oriented Development***

Ms. Willman offers experience in comprehensive planning, growth management, multimodal transportation and land use policy, downtown revitalization, community redevelopment areas, school planning, urban development, land development regulations, rezonings, and geographic analysis. She has served in various professional roles, as a government planner at the city, county, regional and federal level; and as a consultant managing projects for private developers and public agencies.

Tampa Bay Area Regional Transportation Authority (TBARTA)

Regional Transportation Master Plan, Tampa Bay Area, FL. Land Use Coordinator. This seven-county TBARTA Regional Master Plan determined a vision for corridor and mode options needed to meet demands for mobility choices in the Tampa Bay Area as they relate to economic development, access to jobs and affordable housing, and maintaining quality of life. As part of the on-going technical process, Ms. Willman coordinates the TBARTA Land Use Working Group comprised of local, regional, and state planning agencies, developers, and the public, to share information about transit-supportive planning activities in the region, evaluate development forecasts, and create alternative land use scenarios. The group is developing a Transit Oriented Development (TOD) Resource Guide of model policies, station typologies, and other tools that promote TOD in the TBARTA region.

Pinellas County Land Development Code Update, Pinellas County, FL.

Project Manager. Ms. Willman is managing this 20-month project scheduled to conclude in March 2012 and result in a “Quality Communities Code.” It includes an extensive public engagement program of focus groups with various stakeholders, leadership workshops with elected officials and municipal planners, and meetings with community members. Goals include: modernize the Code to better address redevelopment challenges; promote sustainable development, multi-modal transportation, and energy efficiency; and provide methods of low impact development for stormwater and floodplain management.

Channel District Strategic Action Plan, City of Tampa, FL.

Project Planner. Ms. Willman assisted with identifying and quantifying capital improvement-related needs through research, data analysis, and the public involvement process. Plan recommendations enabled the City of Tampa, residents, property owners, business interests and developers in the Channel District CRA to understand and prioritize investment, and achieve community consensus.

Land Development Review, City of Ocoee (Orange County), FL.

City Planner. Ms. Willman managed the review of subdivisions, site plans, sign permits, annexations, Comprehensive Plan Amendments, and rezonings for compliance with all requirements. Met with developer applicants, prepared technical staff reports, and presented to the Planning and Zoning Commission, and the City Commission.



G. Anderson Wilson
Airports

Mr. Wilson brings to this assignment a diverse background of aviation and economic planning experience. This expertise relates to the development of transportation and assets relating to commercial passenger service, air cargo and transportation logistics and recreational flying within the general aviation community. Holding diverse professional background and mix of project expertise spanning over 25 years and includes terminal and airside security, facility planning, programming and modeling, air cargo planning, activity forecasting, project development, client and program management services and business development activities. Thus providing the framework for issue identification, the sound basis for alternative identification and development of solution sets tailored for the identified user groups and stakeholders. Past practical experience includes working for most of the major scheduled domestic carriers, wide range of general aviation facilities serving business aircraft and recreational flyers, multiple State, local and municipal clients, transportation and infrastructure studies, air cargo studies, economic impact analysis, and air space analysis services.

Education

BS, Business
Administration,
Aviation Logistics
and Economics, Ohio
State University,
Columbus, OH, 1986

Years of Experience
Since 1986 (25)

Philadelphia International Airport, Philadelphia, PA

As the subconsultants responsible for all planning related activities project activities included evaluation of master plan development scenarios.

American Airlines, Miami International Airport, FL. Served as project manager of the final space programs for the planned expansion of the North Terminal Development program for American Airlines 47 gate international hub.

Palm Beach International Airport, West Palm Beach, FL. Air Cargo Master Plan included the development and phasing of 240,000 SF of cargo processing facilities, and 500,000 sf. of aircraft pavements at ultimate build out.

Miami Dade County Aviation Department, Miami, FL

Compiled in-depth summary of State and County impact fee and growth management regulations relating to Miami International and five (5) general aviation airports.

Flint-Bishop International Airport, Flint, MI

Compiled air service alternatives, demographics, local passenger preferences and historical travel patterns inclusive of economic impact of air travel, airline competition scenarios, and air travel market analysis. Study was used as marketing and service tool by airport staff to solicit and attract improved airline service.

Education

B.Arch.,
Architecture, 1981
University of Texas
at Austin

Registrations

Registered Architect
1983, TX, 9830

Years of Experience

Since 1981

Professional**Affiliations**

American Institute of
Architects, Dallas
Chapter

American Institute of
Architects

American Public
Transit Association

Texas Society of
Architects

Greater Dallas
Planning Council

Urban Land Institute

Allan Zreet, AIA

Transit Oriented Development/Urban Planning

As National Practice Leader for Transit Related Design, Allan Zreet brings over twenty five years of experience to Jacobs Global Buildings. He provides the unique perspective of implementation of a wide range of public and commercial project types serving in the capacity of project a project manager, architectural designer and planner. Mr. Zreet has primarily devoted his career to the planning and design of surface transportation and public/institutional projects. He has a vast amount of experience with the design of intermodal facilities, airports, bus facilities, light rail facilities, commuter rail facilities and related mixed-use urban development around transit.

Anaheim Regional Transportation Intermodal Center (ARTIC)

Project Definition, Orange County, CA. Project Director responsible for assessing the program needs of ARTIC to integrate transit services with a new regional, mixed-use destination. The primary goal of the ARTIC project is to initiate the design of the Anaheim Regional Transportation Intermodal Center (ARTIC) integrating transit services with a new regional mixed-use destination for the County of Orange. The ARTIC complex will expand existing transportation systems to facilitate 15 transit providers, including new operations for Metrolink, Amtrak, California High Speed Rail (CHSR), and the California-Nevada SST. Rail transportation will be fully integrated with parking, fixed route bus connections, and linkages to Disneyland Anaheim resorts and other regional designations.

Austin-San Antonio Intermunicipal Commuter Rail Corridor,

Austin, TX. Project Manager for a project to connect the internal transit and transportation systems of Austin, San Antonio, and other cities along the Union Pacific corridor that parallels IH35 between Georgetown and Austin. The project is envisioned to provide congestion relief to IH35 and an economic development tool for the 8 cities and 13 station locations along the corridor. Allan is responsible for station location planning to support transit oriented development throughout the corridor, as well as station design to a 30 percent level.

Carrollton Downtown Station Area Master Plan, Carrollton, TX.

Project Manager for the station master plan to create a vision for developing a downtown intermodal center, including four passenger platforms and a transit-centered community built around related mixed-use development. The project will transform Carrollton into a primary destination and transfer point within the Dallas/Fort Worth Metroplex. It will not only improve local and regional access but will also provide an opportunity for Carrollton to develop a true urban center serving as the city's symbolic center. The project approach focuses on using a community vision to facilitate passenger service on existing rail lines and connecting the passenger platforms through a signature Union Station style facility.

Nathan Chase, PE



Profession

Civil and Environmental Engineer

Current Position

Engineer

Joined Arup

2009

Years of Experience

4

Qualifications

MS Civil and Environmental Engineering Stanford University, Palo Alto, California, 2009

BS Civil Engineering (magna cum laude), Northeastern University, Boston, Massachusetts, 2007

BS Environmental Geology (magna cum laude), Northeastern University, Boston, Massachusetts, 2007
PE, State of California (#77953)

Professional Associations

Member, American Society of Civil Engineers

Member, Engineers Without Borders

Member, Water Environment Federation

Nathan brings his international experience, creativity and commitment to excellence to deliver contextualized solutions that are both sustainable and appropriate.

Climate Change and Ports, Arup Global R&D, Arup Maritime Business

Researcher on a project examining the business implications for seaport assets and operations in light of the mitigative and adaptive efforts that will be required to ensure climate change resilience and sustainability in the near future and to 2050.

Engineering Responses to Global Sea Level Rise, Stanford University*

Research Assistant on a project that developed a customized coastal-protection model of 180 major ports around the world to quantitatively estimate global resource needs and availability to adapt them to 2 meters of sea level rise.

Yongsan International Business District, Seoul, Korea

Design Engineer responsible for water supply, rainwater harvesting, water reuse, stormwater management, and flood control on this redevelopment of a 145-acre railyard site into a world-class business district in the heart of Seoul, accounting for climate change to 2075.

Port Whitby Sustainable Community, Whitney, ON, Canada

Design Engineer responsible for the total water design of a masterplanning project for a 450-acre harbor district in the greater Toronto area, targeting CaGBC LEED Platinum.

Xochimilco Park and Aquarium, Mexico City, Mexico

Design Engineer responsible for site masterplanning and sustainable energy and waste strategies for a 135-acre UNESCO Heritage site.

King Abdullah City for Atomic and Renewable Energy, Riyadh, Saudi Arabia

Design Engineer responsible for the civil infrastructure and total water design for a masterplan competition to develop a new city for 300,000 people on a 16,000-acre site in a desert climate.

Hunters Point South, Long Island City, NY, USA

Design Engineer responsible for infrastructure design for a new mixed-use development on reclaimed industrial ground that will include 11-acre waterfront park along the East River.

Ellen Greenberg, AICP



Profession

Urban Planner

Current Position

Associate Principal

Joined Arup

2010

Years of Experience

25

Qualification

MS, Transportation Engineering, University of California, Berkeley, 1990
MCP, City and Regional Planning, University of California, Berkeley, 1990
BA, Highest Honors, Geography, University of California, Berkeley, 1981
2007-2008, Visiting Practitioner, Sustainable Transportation Center, University of California at Davis

Professional Associations

American Institute of Certified Planners (AICP)
Urban Land Institute

Publications

“Transit and Employment”, with Dena Belzer, Center for Transit Oriented Development, 2008

Ellen Greenberg’s work is focused at the complex intersection of land use, transportation, and urban design. She is a thought leader in the sustainable communities and smart growth movements, and is well known for her work with State, Local and Federal agencies as well as for her association with the Congress for the New Urbanism, where she served as Director of Research. She has contributed to the advancement of emerging techniques relating to transit-oriented development, planning for location efficiency, form-based coding, context sensitive street design, and smart mobility performance measures.

Ellen Greenberg’s background in comprehensive planning is the foundation for her work integrating development, conservation and mobility solutions at all scales.

Sustainable Communities Planning: Selected Projects

Los Angeles Metropolitan Transportation Authority (Metro) Sustainable Communities Planning Framework, Los Angeles County.

This effort is creating a definition of sustainability and analysis of travel behavior and land use dynamics for LA County’s transit and transportation planning agency as a basis for agency activities.

Area Plan and Climate Action Plan, Concord Naval Weapons Station Area, Concord, CA, USA

The Plan presents Vision and Standards for future development and conservation on the 5,000+ acre former Concord Naval Weapons Station and incorporates a Climate Action Plan.

Maricopa Association of Government’s Sustainable Transportation and Land Use Integration Study, Phoenix

Land use strategies to support varying transit investment are the focus of this study in the Phoenix region.

Caltrans Smart Mobility Framework, CA, USA

Ms. Greenberg served as Technical Lead for development of the California Department of Transportation’s “Smart Mobility Framework”.

US EPA Office of Sustainable Communities Implementation Assistance and Research

Various projects 2007-2011

Jake Hacker



Profession

Climate scientist

Current Position

Associate

Joined Arup

2001

Years of Experience

14

Qualifications

BSc Mathematics (First Class Hons)

PhD (Environmental Fluid Dynamics)

Chartered Physicist

Professional Associations

Member Institute of Physics

Associate Fellow Royal Meteorological Society

Committees

Chartered Institute of Building Services Engineers (CIBSE) – Climate Task Force & Overheating Task Force

IBPSA-England – Board Member

Selected Publications

Constructing design weather data for future climates.

Build. Serv. Eng. Res. Technol. Vol 26(1).

Jake Hacker is a climate scientist with interests in climate change adaptation and the use of climate data in the design of buildings and infrastructure. He spent the early part of his career working in university research developing mathematical models of atmospheric and oceanic processes and then worked as a climate modeller at the Met Office Hadley Centre. At Arup he divides his time between R&D, consultancy and design projects. In his research role he has carried out a number of ground-breaking studies developing methods to employ regional climate change projections to evaluate the impacts of climate change on the built environment. From 2005 – 08 he led the Arup ‘Drivers of Change’ initiative on climate change.

A highly experienced climate scientist who has pioneered the use of climate change projections in engineering design.

Climate Change and the Internal Environments of Buildings

Project leader for government-funded, Arup-led research project examining the impacts of climate change on UK buildings using the UKCIP02 scenarios. With the CIBSE and the UK Climate Impacts Programme.

London’s Urban Heat Island Research

Climate change advisor for this research project on the nature of London’s Urban Heat Island, for the Greater London Authority (GLA) with King’s College London and Reading University. Led to the publication of the GLA report *London’s Urban Heat Island: A summary for decision makers*.

Retrofitting climate change adaptation in existing homes

Climate scientist for this project examining flood risk, water efficiency and summertime overheating in dwellings, for the London Climate Change Partnership. Led to the publication of the Three Regions Climate Change Partnership report *Your Home in A Changing Climate*.

Climate Change Impacts on Key Businesses and Public Services in North West Region and Potential Adaptation Responses

Climate change advisor for this project for the North West Development Agency.

CIBSE TM49

Project leader for this project to provide hourly-resolution climate change adjusted weather data for the Chartered Institution of Building Services Engineers.

Renee Lee, Ph.D.



Profession

Risk and Reliability

Current Position

Risk Analysis Consultant

Years of Experience

13

Qualification

Ph.D., Civil &
Environmental Engineering,
Stanford University

M.S., Civil & Environmental
Engineering, Stanford
University

B.S. with Honors,
Engineering & Applied
Science, California Institute
of Technology

EIT Certificate #111577,
California Board for
Professional Engineers and
Surveyors

LEED® Accredited
Professional, US Green
Building Council

Professional Associations

Member, American Society
of Civil Engineers (ASCE)

Renee Lee is a Consultant with Arup in the area of catastrophic risk management for natural hazards. Her specialty is in risk mitigation and life cycle costing analysis, system reliability, and advanced Monte Carlo methods. She has been involved in domestic and global multidisciplinary projects investigation climate change induced risks and climate change mitigation and adaptation for the built environment.

Renee has specialist experience in climate change induced risk to infrastructure and mitigation and adaptation strategies.

Climate Change Risk Assessment:

CSL Behring, King of Prussia, PA

Corporate risk assessment was undertaken as part of CSL's Corporate Social Responsibility initiatives. The assessment focused on climate change impacts across a range of multidisciplinary functions from facility management to supply chain optimization. Risk mitigation and adaption measures were recommended and are being continuously monitored by senior management.

Confidential Campus, San Francisco Bay Area

Flood hazard assessment with specific focus on climate change induced sea level rise was carried out for the technical due diligence of a site located along the San Francisco Bay coastline. Site selection was for a new multi-building complex. The assessment was based on upper and lower bound assessments of current sea level rise projections.

AMB Property Corporation, Global

Developed reliability based model to assess flood risk to global portfolio resulting from climate change induced sea level rise.

Confidential Campus, Oakland, CA

Flood hazard assessment with specific focus on climate change induced sea level rise was carried out for the technical due diligence of a site adjacent to the San Francisco Bay coastline. The project involved building expansion for future laboratory space. The assessment was based on a range of sea level rise scenarios.

Amy Leitch, LEED AP



Profession

Sustainability Consultant

Current Position

Sustainability Consultant

Joined Arup

2008

Years of Experience

7

Qualifications

MA, Environmental Management, Duke University, North Carolina, 2005

BA, Environmental Studies (Environmental Policy and Economics), Wellesley College, Massachusetts, 2003

LEED AP

Certified in Basics of Organizational GHG Accounting, The GHG Management Institute

Professional Associations

Member, US Green Building Council New York Chapter

Amy specializes in strategic aspects of sustainable development with an aim to build sustainable communities and resilient urban systems. She focuses on low carbon design and climate change vulnerability and resilience evaluation with a background in green building design, sustainable business strategy, land use policy, stakeholder engagement, environmental law and environmental economics enhanced by program evaluation.

Amy's leadership skills, enthusiasm and drive enables her to work well in a fast-paced and results-orientated environment.

Cedar Rapids Disaster Recovery and Reinvestment Plan, Cedar Rapids, IA, USA

In June 2008, the Cedar River overflowed beyond the 500-year flood plain and damaged or destroyed more than 7,000 homes, hundreds of businesses, community facilities and infrastructure over 10-square-miles (14% of the city). Amy led the development of a baseline of the City's pre-flood sustainability performance and an implementation plan of practical, actionable strategies to guide sustainability-focused reinvestment and recovery effort in flood affected areas and city-wide. Amy also created a Sustainability Assessment Matrix as a handheld booklet for the design team to allow them to quickly consider, evaluate and implement sustainability strategies into the Neighborhood Plan process.

Climate Action in Megacities Report, C40 Cities and Arup

Managed and contributed to the Americas Region research and data collection for the C40 Cities and Arup co-authored report *Climate Action in Megacities*, released at the C40 Summit in Sao Paulo, 1 June 2011. Tasks included coordinating a 6-person research team across three Arup offices, directly researched two cities of strategic importance, managing key client relationships and working with C40 Directors and city staff to collect and approve data.

Climate Change Risk and Resilience for Buildings Designers in the United States

With support from Arup's Americas Region internal research fund, she led the development of an interactive tool targeted to assist buildings engineers to quickly identify specific regional building sector vulnerabilities to future climate change across the United States and to select discipline-specific adaptation strategies that can be implemented into building design, construction and operations.

Andy Thompson, PE, LEED AP



Andy Thompson leads the Advanced Technology + Research practice in San Francisco and the Risk practice in the Americas. As an expert in risk-based design, property insurance, and business continuity, he has advised corporations and governments throughout the world. His work also includes supporting clients in post-disaster situations, most recently following the Japan, Chile, and Haiti earthquakes. He is author of the book *Peace of Mind in Earthquake Country*, and a recipient of Consulting-Specifying Engineer's 2010 40-Under-40 Award.

Profession

Risk Management

Current Position

Associate Principal

Joined Arup

1999

Years of Experience

14

Awards

Consulting-Specifying Engineer's 2010 40-Under-40 Award

Qualification

Licensed Professional Civil Engineer, California

Office of Emergency Services, California – Licensed Civil Engineer for Post-Disaster Building Assessment

Certified in Applied Technology Council (ATC) ATC-20 Post-Earthquake Safety Evaluation of Buildings

LEED® Accredited Professional, US Green Building Council

Associate Business Continuity Planner, Disaster Recovery Institute International

As an expert in risk-based design, property insurance, and business continuity, he has advised corporations and governments throughout the world.

CSL Behring Climate Change Resiliency Assessment

Project Manager for a climate change resiliency study for a major pharmaceutical company. Environmental, social, and economic effects were considered on physical assets, supply chain, and general business resiliency.

Aon Global Rapid Response

Project Manager for Arup's role in Aon's Global Rapid Response Service. Advised clients on post-disaster resiliency following Hurricane Gustav, Hurricane Ike, the 2010 Chile Earthquake, and the 2011 Japan Earthquake, among other catastrophes.

Pocahontas Parkway, Multi-hazard Risk and Valuation Assessment, Richmond, VA, USA

Project Manager for a multi-hazard risk assessment (including hurricane, earthquake, and terrorism) for a major toll roadway system for the greater Richmond VA area.

AMB Property Corporation, Risk Management Review, Various Locations, Worldwide

Project Manager for various risk assessments and resiliency strategy development for climate change (sea-level rise) and natural hazards.

InterContinental Hotels Group

Project manager for worldwide hurricane and earthquake resiliency assessments.

Cameron Thomson, AICP, LEED AP



Profession

Sustainability Consultant

Current Position

Associate

Joined Arup

2007

Years of Experience

12

Qualifications

BTech, Environmental
Pollution and Management.
University of Edinburgh,
2000

LEED AP

AICP (American Institute of
Certified Planners)

Chartered Environmentalist
(UK)

Professional Associations

Member, Institute of
Environmental Scientists

Member, American Planning
Association

Cameron Thomson is an experienced sustainability consultant who has worked on buildings, major infrastructure, masterplanning and corporate governance projects in the US and internationally. Cameron leads the New York Sustainability team and has guided multiple projects through the LEED accreditation process and developed sustainability guidelines for the planning, construction and operations of projects.

Cameron helps clients achieve their sustainability goals by developing creative solutions for built environment projects.

Cedar Rapids Neighborhood Planning, Cedar Rapids, IA, USA

In June 2008, the City of Cedar Rapids was badly damaged by floods with 7,000 homes affected. Cameron is working with Sasaki to develop a series of Sustainable Neighborhood Plans for each of the affected areas. Cameron has been working with the community to articulate their sustainability goals and he has developed a framework to capture their vision.

Hunter's Point South, New York, NY, USA

Cameron led the sustainability planning process for the new development with residential towers, a school and a public park in Queens, NYC. He developed a Sustainability Plan which incorporated PlaNYC's 2030 core objectives to promote the use of sustainable technologies in this pilot site for the City. The Plan was used as a guide for the design team to ensure the overall sustainability objectives for the site were fully integrated.

Xochimilco Eco-Park, Mexico City, Mexico

Xochimilco Park in Mexico City borders a UNESCO World Heritage Site. The Park's condition has declined over the last two decades and it now has significant environmental problems. Cameron worked with an international design team to reinvigorate the Park by developing a conceptual masterplan to address the environmental issues and develop sustainable solutions. These solutions included a waste to energy plant, renewable energy solutions, constructed wetlands to treat wastewater and new recreational facilities.

Fresh Kills Park, Staten Island, NY, USA

Cameron is developing a sustainability plan for the conversion of the world's largest landfill site into a 2,000-acre public park for the citizens of the New York metropolitan area. He is working with a multi-disciplinary team to develop solutions that will reduce energy consumption and dependency on the city for water and service infrastructure.

Polly Turton



Profession

Climate change adaptation consultant

Current Position

Senior consultant

Joined Arup

2008

Years of Experience

9

Nationality

British

Qualification

BA (First Class Honours)
Geography, Manchester
University, June 2001

Postgraduate Diploma in
Environmental Decision
Making (PG Dip EDM),
Open University, June 2008

Studying part-time for a
Masters in Interdisciplinary
Design for the Built
Environment (IDBE) at
University of Cambridge,
September 2009 – 2011

Professional Associations

Chartered Geographer
(CGeog), Royal
Geographical Society (in
progress)

Polly Turton is a senior climate change adaptation consultant based in Arup's Environmental Physics team. She leads the development and delivery of Arup's climate change adaptation work for building, urban design and infrastructure projects. Her area of expertise is the multi-disciplinary understanding of how climate change is likely to impact upon urban environments and systems. She is particularly interested in responding to current and future climate impacts in low carbon, resource efficient ways. Polly is experienced in communicating how consideration of current and future climate can add social, environmental and economic value to projects, organisations and for stakeholders.

An experienced manager of projects and people, skilled in multi-disciplinary working, assimilating and communicating complex information, and integrating research and policy into Arup work.

Crossrail Climate Change Adaptation Report. UK

Project Manager for a report which assesses the climate change risks to Crossrail as required by the UK Climate Change Act. The report looks at how climate change might affect the Crossrail Project and identifies any adaptation measures that might be necessary. Involved liaison with Transport for London and Network Rail to ensure key interfaces are addressed.

Preston Beach Climate change and microclimate analysis, Western Australia

Project Manager for climate change and microclimate analysis for an ecologically sensitive coastal masterplan. Involves assessment of current and future climate risks for site, and the implications of climate change impacts for the resilience of key infrastructure.

Low2No., Helsinki, Finland

Member of Arup design team undertaking current and future climatic analysis for a mixed use masterplan working closely with Sauerbruch Hutton Architects. Contributing to achieving a low carbon, sustainable, climatically responsive design.

SNACC (Suburban Neighbourhood Adaptation for a Changing Climate), UK

Research project manager for study providing an analysis of UKCP09 climate change projections to inform how existing suburban neighbourhoods could be adapted to reduce the impacts of climate change.

Mark Watts



Profession

Public Policy / Climate Change

Current Position

Director

Joined Arup

2008

Years of Experience

15+

Nationality

British

Qualification

BA (Hons) History and Politics

M.Phil.Modern History
University of Nottingham

Publications

London Climate Change
Action Plan (2007)

London Air Quality Strategy
(2002)

London Transport Strategy
(2001)

Presentations and lectures

Mark is a regular conference speaker and guest lecturer, including since joining Arup: Global Energy Basel (Jan 2011)

Future Cities Norway (Nov 2010)

Mark is a Director in Arup's Consulting Team. Focused on cities and sustainability, Mark leads Arup's partnership with the C40 group of the world's largest cities. Prior to joining Arup in 2008, Mark was for eight years climate change and sustainable transport adviser to the Mayor of London, in which role he was described by London Evening Standard as "the intellectual force behind Ken Livingstone's drive to make London a leading light of the battle against global warming." Mark led the development of London's ground-breaking Climate Change Action Plan and the associated program of projects to reduce London's carbon emissions by 60% by 2025.

Mark was also responsible for leading London's draft climate change adaptation strategy and for establishing the C40 Large Cities Climate Group.

C40 Large Cities Climate Leadership Group

Project Director. In May 2009 Arup was appointed as 'strategic adviser' to the C40 and its partner the Clinton Climate Initiative. The C40 represents the Mayors of 40 of the biggest cities in the world, including London, New York, Paris, Beijing, Mumbai, Tokyo, Toronto and Sao Paulo. Mark leads this initiative, through which Arup is helping city leaders to overcome barriers to delivering their climate change commitments, from energy strategy, to building retrofit, waste management, smart grids, and urban planning.

City of Ho Chi Minh – Flood and water resilience

Project Director. Leading a multi-disciplinary, multi-national Arup team in supporting Ho Chi Minh in developing a strategy to improve its flood and water resilience in the context of climate change. The World Bank ranks Ho Chi Minh as one of the top ten cities in the world which is most vulnerable to global warming.

City of Sao Paulo – Integrated waste management strategy

Project Director. The Mayor of Sao Paulo has an aspiration that his city should be carbon neutral by 2025. As part of Arup's C40 strategic advisory role, this project looks at a new waste strategy for the city to improve health, increase employment, and reduce carbon emissions. A joint workshop with the World Bank started the project by considering the opportunities for waste from energy and carbon finance to enable this.

Albert Wei, AICP



Profession

Urban Planner

Current Position

Senior Planning Consultant

Joined Arup

2008

Years of Experience

18

Qualifications

MS, Architecture Studies, specializing in Architectural Urbanism, MIT School of Architecture and Planning, 2007

MS, City Planning-specializing in Urban Design, Columbia University, Columbia College (AB cum laude), Urban Studies & Architecture, 1993

American Institute of Certified Planners (AICP)

Publications

“Urban Design Solutions for Sustainable Industry in Otay Mesa” HolcimForum Shanghai 04/07

“Border Communities: Environment, Industry, Exchange” Assoc. for Border Studies Calgary 04/07

Albert has 17 years of experience developing and planning urban and infrastructure projects globally. As a consultant in Arup’s New York office, Al provides strategic analysis and advice to private and public sector developers and governments. Specifically, Al develops and implements sustainable solutions for the masterplanning process, encompassing land-use planning and controls, program development, zoning, performance- and incentive-based regulatory systems, form-coding, land-use and development guideline frameworks, and property development strategies. He promotes sustainable development practices with an integral understanding of the nexus between land-use decision making and the management of energy, carbon, water and waste systems. Al is a member of Arup’s Global Strategic Leadership Group for the Integrated Resource Management (IRM) application, and he helps manage Arup’s global relationship with the Clinton Climate Initiative.

Destiny Eco-City, Osceola County, FL, USA

Project Manager, Urban Planner/Designer, Programming & Sustainability Consultant. Masterplanner for a 16,610ha (41,000-acre) site in southern Osceola County, Florida, part of a State strategy to contain sprawl by concentrating development into ecologically sustainable new towns and cities through strategic down- and up-zoning and transfers of development rights. Working for a consortium of Florida real estate developers, Al led the Arup team as lead planner to develop concept –level planning and land-use strategies, program and development strategy for a new town to consist of 120,000 new technology, industrial and academic jobs, 80,000 new homes, and 2,900 hotel rooms over 40 years. Key sustainable infrastructure objectives of this framework included operational carbon neutrality performance, site-wide integrated water management and recycling, air quality management, and renewable energy generation, while still relying upon marketable suburban building typologies and lay-outs.

Long Island Sustainability Plan, Long Island, NY, USA

Land-use & Sustainability Consultant. Developed a GIS-based application to forecast the impacts of land-use decisions over a 35-year horizon as part of an Arup-led regional sustainable planning process for Nassau and Suffolk Counties in New York State. Al provided an analytical framework for allocating and evaluating future demographic growth, including land-take, built program changes, community typologies for both residential and employment-related development, zoning capacity, and environmental mitigation. Al developed scenarios modeling the future growth of Long Island towns for all of these parameters. Al then used this analytical and planning work to undertake a comprehensive sustainability assessment of emissions, carbon footprint, energy, water, and waste management impacts and to develop a toolkit of land-use regulation tools designed to modify these impacts.

Ms. Bonsignore has overseen hundreds of transportation planning projects and participated in a variety of projects that cover environmental impact assessments, community traffic engineering and safety, studies related to highway safety planning and design, parking, bicycle planning and design, and transportation systems management.

Duke University Campus-wide Transportation Framework, Durham, NC

Ms. Bonsignore assisted Duke University in the first phase of developing a campus-wide transportation master plan that would set the vision for improved connections amongst Duke's East, West, and Medical campuses, as well as to the community of Durham and the region. The study focused particular attention on understanding the shifting campus travel patterns and needs, responding to new policy directions for a more sustainable Duke campus, and enhancing Duke's connections to the region.

Georgia Institute of Technology Parking and Transportation Plan, Atlanta, GA

Ms. Bonsignore was the Principal-in-Charge for developing this transportation master plan to help identify strategies that facilitate access to Georgia Tech based on its projected growth to accommodate students, faculty, staff, visitors, and others. VHB MillerSellen worked to help Georgia Tech plan modifications to parking facilities, transit services, transportation demand management (TDM) programs, and pedestrian and bicycle facilities.

Duke University Central Campus Master Plan, Durham, NC

As part of a master planning team, Ms. Bonsignore is directing the development of the transportation infrastructure framework to support a new campus precinct at Duke University. Framework includes a well integrated plan of transit, pedestrian, bicycle and road/parking improvements to connect new centers of student, academic and cultural activities to the broader Duke community.

University of Virginia Transportation Demand Management Plan, Charlottesville, VA

Ms. Bonsignore is a technical advisor in the development of a comprehensive transportation demand management plan for the University of Virginia for incorporation into the overall Grounds Master Plan.

Northeastern University Master Plan, Boston, MA

Ms. Bonsignore is a strategic advisor in the development of a comprehensive transportation master plan for Northeastern University that included major investments in new residence halls, academic buildings, research facilities, parking structures, and open space.



Ruth M. Bonsignore, PE

Institutional
Transportation/
Transportation Policy
Technical Advisor

Ms. Bonsignore has participated in a wide variety of institutional projects. These include transportation master planning; community, traffic engineering, and safety studies; roadway planning and design; parking, pedestrian, and bicycle planning and design; and demand management plans.

Education

M.S., Transportation,
Massachusetts Institute of
Technology

B.S., Civil Engineering,
University of
Massachusetts

Professional Registrations

Professional Engineer
MA, SC

**28 years of professional
experience**

Mr. Carragher's projects have focused on the integration of transportation and land use in a manner that creates great places for live-work-learn-play. His experience focuses on the management of high-profile urban transit projects and programs that involve multidisciplinary planning and the designing of complex transportation infrastructure and place-making along with significant funding, environmental, community, operational, and construction staging challenges. He is recognized by clients and professional colleagues alike for his ability to coordinate multiple, diverse project components into workable solutions.

Woodville Corridor Study, Tallahassee, FL

In an effort to create an integrated land use and transportation plan that meets the future mobility needs of the area, the Capital Region Transportation Planning Agency (CRTPA) is developing the Woodville Highway Master Plan. Served as principal in charge for the thirteen mile corridor study in northwest Florida just south of the state's capital. The recommendations from this study promote compact development patterns, create more pedestrian supportive land development patterns and increase the transportation network, allowing Woodville Highway to remain a two lane highway and retain its rural character. Improvements include modern roundabouts, adding sidewalks, on-street parking and bike lanes within the Woodville Community.

Osceola Long Range Transit Plan, Osceola County, FL

Served as Transit Technology Project Engineer for countywide transit system plan. The project included major land use initiatives, quality of life issues, and policies related to sprawl containment and urban growth concentration. The project will develop a corridor for more specific development, and will advance that corridor to Alternatives Analysis consistent with FTA New Starts processes in early 2011.

SunRail, Central Florida Commuter Rail, Orlando, FL

VHB MillerSellen's Principal in Charge and Team Technical Advisor for Commuter Rail for this 61-mile commuter rail start-up project. VHB MillerSellen was responsible for environmental clearance documentation, FTA New Start fund acquisition efforts, operations planning and contract strategy and various design aspects (including rail alignments, signal system layout, grade crossings, stormwater management and station traffic). Project extends 61 miles, includes 126 grade crossings and 16 stations.

I-75 Master Plan Study, Broward and Miami-Dade Counties, FL

Transit Manager for the development of a three-tier alternatives analysis/selection process. Tier One involved the identification of 24 alternatives and their reduction to 12 for Tier Two. In Tier Two the 12 alternatives were narrowed to five. During Tier three the Locally Preferred Alternative (LPA) was selected from these five alternatives, and documented. Finalization of the LPA included providing a detailed plan for the development of bus rapid transit (BRT) within the corridor.



**Michael J. Carragher,
PE**

Senior Transit Planner
Southeast Regional
Manager

Mr. Carragher's experience focuses on the management of high-profile urban transportation projects and programs that involve multidisciplinary planning and the designing of complex transportation infrastructure and place-making along with significant funding, environmental, community, operational, and construction staging challenges.

Education

B.S., Civil Engineering,
University of Delaware

Professional Registrations/ Certifications

Professional Engineer
FL, GA, MA, PA, CT,
DE, RI, VT

**27 years of
professional experience**

Mr. Conklin has designed transportation facilities and prepared design guidelines and manuals. He has prepared institutional and community master plans, traffic impact studies, environmental impact reports, and pedestrian evaluations. Mr. Conklin has completed parking studies, corridor studies, transit capacity assessments, and downtown studies. He is a member of the Transportation Research Board ADD-30 (Transportation and Land Development) Committee.

University of South Florida 2010 Campus Master Plan Update, Tampa, FL

Mr. Conklin is assisting with transportation planning elements relating to improvements to transportation demand management for the University of South Florida Campus Master Plan update. As one of the largest universities in the United States, the University of South Florida is committed to a formal and ongoing planning process in which the 2010 Master Plan update reflects the next step. Since the last master plan update, the challenges facing the University have accelerated and grown more acute as energy alternatives, transportation limitations, constrained budgets, increasing regulation, and an aging infrastructure combine to present a complex, interrelated mosaic of issues that will be addressed in the master plan update. The 2010 Master Plan update performed by VHB MillerSellen incorporates campus-wide sustainable design strategies ranging from energy system improvements to transportation demand management.

MHUS Mobility Study, Orange County, FL

At the University of Central Florida, VHB MillerSellen worked with a private client to develop a 2,100 bed, mixed use student housing project. The parcel is located across the street from the University entrance and is currently developed as a commercial center. In a series of phases, student housing in 10 story buildings will be constructed with commercial uses on the ground floor. The project is organized around a pedestrian streetscape to emphasize the retail uses and provide a sense of place. The University shuttle system will loop through the project providing multi-modal transportation opportunities. VHB MillerSellen is responsible for the entitlements, site plan and civil engineering of this project.

University of Virginia, Transportation Demand Management Plan, Charlottesville, VA

Mr. Conklin helped the University of Virginia develop a comprehensive transportation demand management plan for its academic and medical operations in Charlottesville, Virginia. The project assessed existing transportation options and facilities serving the campus, the geographic spread of students and employees, and strategies to reduce single-occupant vehicle commuting to the campus. The plan addressed the potential mode shifts resulting from different transportation demand management strategies and their impact on the parking supply needed to support university operations.



Christopher R. Conklin, PE

Institutional
Transportation Planner

Mr. Conklin is a Project Manager with VHB MillerSellen's Transportation Systems group in Maryland, and serves as both an engineer and a planner on a diverse range of projects.

Education

MS, Technology and Policy, Massachusetts Institute of Technology, 1999

MS, Transportation, Massachusetts Institute of Technology, 1999

BCE, Georgia Institute of Technology, 1997

Professional Registrations

Engineer in Training
GA 1997

Professional Engineer
MA 2004

17 years professional experience

.....

Mr. Feinstein is an environmental specialist with extensive background in the application and development of National Environmental Policy Act (NEPA) documentation. He is an instructor at the Nicholas School of the Environment, Duke University, lecturing on major NEPA policies and precedents. Mr. Feinstein is also involved in many national policy and legislative proceedings that affect regulatory decision-making about wetlands. His recent work has included guidance to the U.S. Army Corps of Engineers (USACE) on Nationwide Permit changes. He has also been involved in many projects where creative solutions have been required as a balance between Clean Water Act (Section 404) requirements and NEPA policies, such as to obtain environmental permits for transportation improvements.

Aroostook County Transportation Improvement Project DEIS / EIS - Aroostook County, ME During the last two years, considerable planning work has been completed in Aroostook County with emphasis on the viability of providing improved access from Houlton, located in the southernmost part of the study area, to Fort Kent, approximately one hundred-fifty miles north. These studies highlighted the need for improved local roadway access and the potential benefits that improved access would contribute to the regional economy. Mr. Feinstein is leading the VHB MillerSellen team in the preparation of the DEIS in accordance with National Environmental Policy Act (NEPA) requirements and the Maine Sensible Transportation Act (STPA). The VHB MillerSellen team is providing a macro screening of up to 20 corridors; identifying seven most feasible corridors and developing a refined analysis of these seven corridors and a No-Build 2025 option in the DEIS.

U.S. 31 Regional Corridor Study - Traverse City, MI Project advisor for the coordinated environmental assessments and public participation elements of a corridor feasibility study to relieve traffic congestion and promote regional mobility in Traverse City, Michigan, gateway to the popular summer Grand Traverse Bay resort area. Protection of sensitive watershed systems from increased non-point source pollution is a critical element of this study. During the study process, over 50 potential corridor alternatives were generated and evaluated. Five alternatives were evaluated in detail, and a preferred corridor with three variations was recommended to be advanced through the preliminary design and NEPA process.

Philadelphia International Airport Runway Extension EIS - Philadelphia, PA Principal-in-Charge for the preparation of the first FAA Environmental Impact Statement (EIS) designated by the Secretary of Transportation for fast-tracking under Executive Order 13274: Environmental Stewardship and Transportation Infrastructure Project Reviews.



Jonathan L. Feinstein

.....

Environmental Policy
Planner

Mr. Feinstein is Principal in charge of VHB MillerSellen's Environmental Services Division and is the principal on most of the firm's NEPA projects. A regulatory affairs specialist, he has extensive experience in environmental analysis and social analysis of the impacts of major transportation infrastructure and land development projects. He has especially strong knowledge of and practice with NEPA and state environmental policies and procedures.

Education

BS, Natural Resources Development, University of Rhode Island

MCP, Community Planning and Area Development, University of Rhode Island

34 years professional experience

During his 23-year career at the Florida Department of Transportation, Mr. Hattaway served as Director-Office of Design, State Roadway Design Engineer, District 5 Design and Structures Design Engineer. Since leaving FDOT he has provided transportation planning and conceptual design services on numerous master plan charrettes for both downtown redevelopment and Traditional Neighborhood Development projects. He has also provided transportation planning and engineering services for communities implementing complete streets policies, traffic calming, road diets and other pedestrian and bicycle accommodation improvements. He is the author of the recently produced Traditional Neighborhood Development chapter of the Florida Green Book. He has also taught numerous courses on planning and designing Livable Communities complete street practices and context sensitive design, throughout Florida.

Jupiter, Lake Worth, West Palm Beach and Palm Beach Gardens Transit Oriented Development Master Plans and Community Redevelopment for Becker Road, Palm Beach Poinciana, and Boca Raton Master Plans Mr. Hattaway provided transportation planning and engineering services in support of these Treasure Coast Regional Planning Council (TCRPC) Master Plan Charrettes. Billy led the transportation efforts for transit station siting and station area planning of the Transit Oriented Development around the proposed commuter rail stations for the South Florida East Coast Corridor Study. Throughout the study corridor's communities he evaluated and proposed solutions for pedestrian, bicycle, bus and other vehicle access, and circulation to and around the proposed transit stations. He also provided transportation planning and engineering services for TCRPC Master Plan Charrettes for a number of redevelopment projects. These charrettes were intended to improve the opportunities for redevelopment including improvements for pedestrian safety and access within the study area. On these projects, his services included intersection operational analysis; safety analysis; transportation planning; conceptual street and intersection design; treatment of intersection/rail crossings and coordination with FDOT, Palm Beach MPO, and the local community stakeholders. Billy's recommendations included increasing and reconnecting the street network, conversion of streets from one-way to two-way, road diets, modern roundabouts and other improvements to improve pedestrian and bicycle access and safety, and improving transit and motor vehicle circulation and safety.

Corridor Study for Woodville Highway, Leon County, FL

Mr. Hattaway is the project manager and lead transportation engineer for an integrated land use and transportation corridor study for a thirteen mile corridor in northwest Florida just south of the state's capital which passes through the community of Woodville. VHB MillerSellen's recommendations from this study promote compact development patterns, create more pedestrian supportive land development patterns and increase transportation network allowing Woodville Highway to remain a two lane highway and retain its rural character.



Billy L. Hattaway, PE

Transportation/Livable Community Planner
Mr. Hattaway is VHB MillerSellen's Managing Director of Transportation for Florida. The last 10 years of his career has focused extensively on creating complete streets, and livable communities through integrating land use and transportation into projects.

Education

Masters in Business Administration · Florida State University, Tallahassee, FL

Bachelor of Science in Civil Engineering Technology, Wentworth Institute of Technology, Boston, Massachusetts

Professional Registrations/Certifications

Professional Engineer FL 1987

33 years of professional experience

Mr. Jennings, National Practice Leader for Design at VHB MillerSellen, is an experienced landscape architect specializing in taking projects from their earliest conceptual and planning stages through their full development and implementation. He frequently serves as a principal, project manager, and/or landscape architect for many of VHB MillerSellen's national and regional planning, design, and engineering projects. Mr. Jennings brings over four decades of experience in a variety of project types including: institutional, corporate, government, medical, residential, and resort and entertainment projects.

University of South Florida 2010 Master Plan Update, Tampa, FL

Mr. Jennings served as the principal-in-charge for the 2010 Master Plan Update. Since the last master plan update, the challenges facing the University have accelerated and grown more acute as energy alternatives, transportation limitations, constrained budgets, increasing regulation, and an aging infrastructure combine to present a complex, interrelated mosaic of issues that will be addressed in the master plan update. The 2010 Master Plan update performed by VHB MillerSellen will build upon the work completed for the 2005 Master Plan, with greater emphasis on incorporating sustainable design strategies ranging from energy system improvements to transportation demand management. As team leader, John bring to USF the experience, knowledge and commitment to provide the highest quality services necessary to support the master plan update.

Master Planning of Signature Parks, James City County, VA

Mr. Jennings assisted the county in creating a vision for the three parks. He oversaw the park's layout design and the 2-day Charrette. He was also involved with the public involvement for the parks plan-ning which consists of the master planning of two approximately 100-Acre waterfront parks and the planning for the renovation of an existing marina. The project includes multiple public involvement/ stakeholder meetings, a resident survey and an economic evaluation of proposed park elements.

Keene State College, Keene, NH

Beginning in 1990 with a landscape master plan, Keene State College has continuously engaged VHB MillerSellen to provide site design and environmental services during all phases of its development. KSC identified the need to improve academic facilities, student housing and support service facilities to meet its ever-changing academic needs. Through the master planning process, a priority to improve the campus character through new building programs, removal of parking in core, landscape improvement projects and infrastructure projects the College has lead to over a dozen landscape projects. As Design Principal, Mr. Jennings worked with the architects and campus administrators on the detail design and development for the site and infrastructure improvements and landscape context for the new campus buildings.



John R. Jennings

Institutional Master Planner/ National Practice Leader for Design

Mr. Jennings is an experienced landscape architect specializing in planning and design services for Institutions. He has managed projects from the earliest conceptual and planning levels through the development of implementation strategies for funding, design, and project implementation. He is the team leader for our institutional services group here at VHB and an active member of SCUP.

Education

B.A., Landscape Architecture,
University of Oregon

Professional Registrations

RLA: AZ, IN, MA, MO

32 years professional experience

Ms. Lundgren previously served as the U.S. Services Director for ICLEI-Local Governments for Sustainability USA, Inc. (ICLEI). ICLEI is the premier association of local governments committed to climate protection and sustainability. In this role, she designed and led membership support services for over 550 U.S. local governments, including Miami-Dade County, Broward County, and Sarasota County. She also established ICLEI's Southeast Regional Capacity Center, providing technical assistance to ICLEI members throughout Florida and the Southeastern US. Ms. Lundgren's technical advisory experience on climate and energy is coupled with direct local government experience when she served as the first Director of the City of Medford, MA's Energy & Environment Department. In this role she was responsible for the development, implementation, and outreach of all programs focused on climate change protection, energy efficiency, and clean energy technologies.

Energy Baseline and Greenhouse Gas Emissions Inventory, City of West Palm Beach, FL Ms. Lundgren is leading the energy baseline and greenhouse gas emissions inventory task for the City of West Palm Beach's Sustainability planning effort. In this role, she is designing and overseeing the team's efforts to collect all energy data for both government operations and the community at large from Florida Power & Light, the Solid Waste Authority, Treasure Coast Regional Planning Council, and Palm Beach County. Through this effort, she will also develop a streamlined system for data collection to aid in tracking progress of reduction strategies.

Development of an Energy Efficiency and Conservation Strategy, Town of Century, FL Ms. Lundgren is leading the project with the Town of Century to determine an energy baseline assessment and develop an energy efficiency and conservation strategy. This project will include utilization of the Energy Star Portfolio Manager tool and a public outreach and engagement process.

Energy & Sustainability Services, Albany, NY

As Project Manager, Ms. Lundgren is currently establishing and serving as the primary lead for the City of Albany's Energy & Sustainability Office. Through this EECBG funded initiative, VHB MillerSellen has been selected to engage local stakeholders to establish the goals and the overall role of the Mayor's Office of Energy & Sustainability; develop a comprehensive greenhouse gas (GHG) emissions inventory for government operations and city wide; integrate a climate action plan into the City's Sustainability Comprehensive Planning effort; develop a climate adaptation plan; respond to funding opportunities on behalf of the City; and oversee the City's Sustainability Working Group.

Green Communities Program, Various Local Governments, MA

Ms. Lundgren is currently leading a team of consultants in providing technical assistance to 26 municipalities in Southeastern Massachusetts on achieving the five criteria associated with the Green Communities Program.



Kim Lundgren

Sustainability/GHG
Advisor

Ms. Lundgren is a Senior Project Manager with VHB MillerSellen's Climate and Energy Practice. She brings with her more than 14 years of professional experience, the last 11 of which have been spent specifically driving local government energy and climate protection programs across the country.

Education

MA, Urban and Environmental Policy and Planning, Tufts University

BS, Environmental Science, University of Massachusetts, Amherst

14 years of professional experience

Taylor County Evaluation & Appraisal Report (EAR) based Comprehensive Plan Amendments, Taylor County, Florida

Curt prepared the EAR-based Comprehensive Plan Amendments necessary to implement the County's 2008 Evaluation and Appraisal Report (EAR) recommendations, the County's Vision 2060 Plan, and the master development plan for the County's major landowner. The EAR-based Amendments changes the comprehensive planning horizon to 2035 and emphasizes economic development to address the County's status as a "Rural County of Critical Economic Concern". This public-private partnership includes approximately 45,000 acres of land designated for compact urban, rural, and employment center development, and approximately 83,000 acres designated for agriculture through transfer of development rights. The process included extensive coordination with the Department of Community Affairs to ensure that all emerging state regulations, including those related to energy conservation and greenhouse gas reduction from House Bill 697, are achieved. Adoption of the 2035 Comprehensive Plan is anticipated for June 2010.

Ocala 2035 Vision, City of Ocala, Florida The Ocala 2035 Vision will represent a long term expression of the City's desired future physical conditions. The Vision will provide guidance for the future design, use and connectivity of the City's streets; the relationship of its buildings to those streets and how the buildings and streets best serve the City's pedestrians; and the visual characteristics and separation of uses of the City's buildings, neighborhoods, commercial districts and open spaces. Curt is leading a key group of stakeholders and the general public through a public participation process to ensure that key urban design elements are incorporated into appropriate locations of the City, as desired by the community. Upon adoption by the City Council, the Ocala 2035 Vision will form the basis for the City's Evaluation and Appraisal Report, Comprehensive Plan Amendments, and a new form-based land development code.

U.S. 17-92 Corridor Redevelopment Plan The Seminole County Community Redevelopment Area (CRA) is a 13 mile long corridor containing economically-depressed conditions in one of the region's most important transportation corridors. To create a Corridor Redevelopment Plan, Curt researched existing conditions, including a parcel-by-parcel ground-truthing analysis, planned capital improvements, transportation conditions, and the existing regulatory framework, including Comprehensive Plan and Land Development Code policies. The Corridor Redevelopment Plan identifies catalyst sites for redevelopment master planning. Curt will lead a public involvement program to help identify those sites best suited for redevelopment and priorities for redevelopment and reinvestment.



**Curtis M. Ostrodka,
AICP, LEED AP**

Public Process Planner

Curt has over seven years of urban and environmental planning experience. At VHB MillerSellen, his responsibilities include sustainability planning, community visioning, public participation and facilitation, growth management policy and implementation, and master planning for mixed-use development projects.

Education

MS, Urban and Environmental Planning,
University of Virginia

BS, Natural Resources
and Environmental
Sciences *with Honors*,
University of Illinois

Professional Registrations/ Certifications

American Institute of
Certified Planners

LEED Accredited
Professional

**7 years of professional
experience**

Mr. Roy has been a leader in alternative energy systems, resource conservation, and waste management for over 25 years. A former state environmental official, he developed and implemented numerous innovative policies and programs. An active member of the U.S. Green Building Council (USGBC), he was appointed by the board to serve on the committee developing a new standard for retail. He is also working with the Airport Council International-North America (ACI-NA) group developing a standard for aviation sustainability. Mr. Roy is a frequent speaker at national conferences, and serves on the editorial board of *Land Development Today*.

Boston College Institutional Master Plan, Newton, Brighton, & Allston MA Mr. Roy contributed to BC's 10-year IMP preparation, particularly Chapter 10 regarding Environmental Sustainability, through extensive coordination with BC's facilities management staff, evaluation of existing campus stewardship practices, and goal-setting for the institution's long-term planning, including adoption of minimum LEED standards for future construction and major renovations. He has guided BC's responsiveness to the Article 80 section of the Boston Zoning Code, BRA meetings regarding sustainability, and recommendations for low-impact development and renewable power technologies.

City Center Urban Redevelopment, South Burlington, VT Project Executive for the development of a downtown for a community that never had one, applying the principles of Smart Growth and Sustainable Design. The proposed 1.5- million square foot mixed-use project includes municipal offices, a post office, retail, office, educational, and residential components. Federal funding has been secured and a TIF will be used for infrastructure development. Major issues include stormwater management, wetlands impacts, stream restoration, traffic and urban planning. Regulatory work includes Act 250, NEPA (an Environmental Assessment is in preparation), as well as other local, state and federal permitting. Mr. Roy is also leading the project's anticipated participation in the USGBC's LEED for Neighborhood Development pilot program.

Stop & Shop Supermarkets LEED-EB Volume Portfolio Certification, Quincy, MA Mr. Roy serves as the Project Manager for VHB MillerSellen's LEED Consultant contract with Stop & Shop. From 2007 to 2008, he coordinated two other LEED and commissioning/MEP sub-contractors, in addition to USGBC staff, to develop the pilot volume certification process and apply it to a selection of existing Energy Star-rated facilities in the supermarket company's portfolio. The initiative achieved 51 LEED for Existing Buildings (EB) Certified facilities for Stop & Shop in less than a year. To measure the benefits of the stores' practices, the consultant team prepared documentation for some 3.5 million square feet of buildings in five states and then evaluated facilities and operations data.



**Leo Pierre Roy,
LEED AP**

Sustainability/GHG
Technical Advisor

**Mr. Roy serves as
Managing Director
of the Massachusetts
Environmental
Services Group for
VHB MillerSellen. A
Certified Charrette
Planner and LEED®
Accredited
Professional, he
manages projects
and programs in
sustainable aviation,
green building,
ecosystem
restoration, and
energy systems.**

Education
B.A., Harvard
University

**Professional
Registrations**
USGBC, Leadership
in Energy and
Environmental Design
(LEED®) Accredited,
2002

NCI- Certified
Charrette Planner

**25 years professional
experience**

Ronkonkoma Hub Downtown Revitalization Strategy, Brookhaven, NY

Managed planning tasks associated with the preparation of a comprehensive land use plan to help guide the revitalization of a multi-block area around the Ronkonkoma Train Station, the busiest station on this branch of the Long Island Rail Road system. The plan included a comprehensive inventory, analysis and recommendations for zoning, parking, and circulation improvements. As part of the community outreach effort, a survey, aimed at understanding the issues and opportunities associated with redeveloping the area, was distributed to over 400 area residents, businesses, and train patrons.

Herndon Metrorail Station Area Plan, Herndon, VA

Project principal oversight for the Town of Herndon Metrorail Station Area Plan which includes over 180 acres of land that surrounds the future location of a Metrorail station. Project involves a wide-range of planning and design services in support of the new station area plan including preparing area and TOD plan scenarios and conducting interactive community outreach meetings with the Herndon public apprising the constituency of options, recommendations, and future site scenarios for their input and feedback.

Commonwealth Flats Planning and Permitting, South Boston, MA

As Project Director, assisted Massport in the environmental planning and permitting for a 3.4-million-square-foot mixed-use development on South Boston's waterfront that encompassed 30 acres of underutilized industrial land. The project consisted of apartments, hotels, office, retail, and acres of new public park.

Harvard University, Cambridge and Allston, Project Planning and Permitting

Project Director for VHB MillerSellen's ongoing planning, design and permitting work at Harvard University, including Institutional Master Plan, Hawes Hall, One Western Avenue Graduate Student Housing, Fogg Art Museum, Harvard Art Museum, Allston Landing, Everett Parking Garage, and Allston Integrated Traffic Model.

North Main Economic Development Strategy, Worcester, MA

Currently serving as project director for the North Main Economic Development Strategy. The plan is currently in the early planning process that will ultimately identify the land use goals and redevelopment strategies for 12 priority sites in downtown Worcester. The process will also include a series of public meetings and a design visioning charrette.



Ken A. Schwartz, AICP

Sustainable Development
Planner

Mr. Schwartz is Director of Planning in VHB MillerSellen's Land Development practice area. Prior to joining VHB MillerSellen he served for six years as Director of Environ-mental Planning and Permitting at the Massachusetts Port Authority where he played a key role in Logan Airport's \$1.2 billion modernization program.

Education

MA, Urban and Environmental Policy, Tufts University

BA, Geography, Clark University

Professional Registrations/ Certifications

American Institute of Certified Planners

National Charrette Institute Charrette Planner®

26 years of professional experience

Jim began VHB MillerSellen's "Shared Visioning Solutions™" with the development of the Horizon West Project in Orange County, Florida. The result of that vision was an innovative Village Land Use Classification that will allow the orderly transition from rural to urban use of approximately 40,000 acres in west Orange County and completion of the first Award Winning Village "Lakeside" and the preparation of the Village Development Code. Jim has been responsible for similar strategic plans and visioning projects, the most recent of which include a master plan for the 125,000 acre Foley Timber and Land property in Taylor County, Florida; the master plan for the 24,000 acre Terra Pointe property in Nassau County, Florida; and the 15,000 acre Escambia County Sector Plan. In addition to the most recent master plan experience, notable projects include: the 80,000 acre West Bay Sector Plan and corresponding Specific Area Plan, the 100,000 acre North Jacksonville Vision and Master Plan, and the 28,000 acre St. James Island Vision & Master Plan. All of these projects required the creation of a land use strategy that balances the protection of significant environmental resources with a market-driven approach to community design.

North Jacksonville Vision and Master Plan, Jacksonville, FL

North Jacksonville comprises a 147,300-acre sub-region with some of the First Coast's most vital economic and environmental assets. Within this area are Jacksonville International Airport and JAXPORT, as well as some of the area's most precious environmental treasures, including the Kingsley Plantation and the marshlands that line the St. Johns and Trout rivers. City of Jacksonville leaders sought a Vision and Master Plan to guide growth and protect the environment. Work involved citizen based consensus building, branding and creating a new image for North Jacksonville development of the vision and master plan and a 10 year action plan.

West Bay Sector Plan, Bay County, FL Bay County, Florida comprises a unique and challenging mix of woodlands, beaches, ocean waters and desirable uplands that are in the path of future growth. Bay County leaders and their constituents, tired of seeing new development added in an unsustainable hodge-podge manner, decided to take action. Offered the opportunity to relocate Panama City-Bay County International Airport, county leaders formed a partnership with landowner St. Joe Company to pursue a far-reaching planning process, known as an "Optional Section Plan," under the provisions of Section 163.3245 Florida Statutes. Under a contract with the St. Joe Company, VHB MillerSellen took a lead role in managing the sector plan process which included the proposed new Panama City Bay Co. International Airport, a supporting community consisting of Villages and a Village Center and the preservation of 30,000+-acres for management by the Nature Conservancy.



James A. Sellen, M.S.P.

Sector Planning/Growth
Management
Policy/Water Policy
Technical Advisor

Jim joined VHB MillerSellen in 1984 after having gained planning and urban design experience in public and private development sectors. As Planning Director of Orange County, he was responsible for leading the development of the County's first Growth Management Plan and Capital Improvements Program. Since joining VHB MillerSellen, Jim has focused on strategic planning for large land holdings and the planning and design of mixed use, master planned communities.

Education

MSP, City Planning,
University of Tennessee,
1974

BA, Political
Science/Public
Administration,
University of Miami

**32 years of professional
experience**

Mr. Gary Serviss is a senior member of VHB MillerSellen's Environmental Services Division staff. He is responsible for the management and direction of projects and staff for water quality monitoring, qualitative and quantitative vegetation and wildlife assessments, wildlife management plan formulation and natural system restoration and mitigation plans. He has designed and coordinated numerous environmental investigations to serve as a basis for environmental permit applications and Development of Regional Impact Applications. He has served as an expert witness on environmental constraints, bald eagles and wetland impacts related to dredge and fill activities. He also serves as a project manager and client liaison for environmental resource permitting.

SunRail, Volusia to Osceola Counties, FL Task Manager for design and implementation of the habitat mapping and listed species surveys for this 60.8 mile rail corridor. Field scientist utilized tablet PCs equipped with GPS to collect the data in a GIS application. The GIS application contained soils, NWI wetlands, water management district habitat maps over aerial photography and could be edited in the field. The field data and research information were compiled with a peer reviewed Environmental Assessment report with a more detailed Wetland Evaluation Report and Endangered Species Biological Assessment Report included as appendices.

Ecological Status of Little Sarasota Bay, Sarasota County, FL

Project Manager responsible for overall scheduling and performance of subconsultant for completion of biological monitoring and field scientist for the collection of seagrass data. Data management, data analysis and preparation of the final report. Project Scientist for permit application preparation and processing. Conducted an overall ecological evaluation of Little Sarasota Bay with reference to the closing of Midnight Pass. Conducted a biological, hydrological and water quality assessment of Little Sarasota Bay. Analyzed the biological data (including seagrass, macroalgae, benthic infauna, fish fauna and phytoplankton) and prepared the "Ecological Status of Little Sarasota Bay with reference to Midnight Pass" report. Also involved in the biological assessment of the permit to dredge Midnight Pass, including the delineation of marine habitats, benthic infauna monitoring, fish fauna monitoring and sediment analysis.

City of Sarasota Wastewater Treatment Plant, Sarasota County, FL

Assisted the City in the design and approval of the surface water ambient monitoring program through FDEP. VHB MillerSellen prepared the Plan of Study and field sampling and laboratory Quality Assurance Project Plans and obtained approval from FDEP. The monitoring program was implemented over a three year period and included quarterly surface water quality monitoring at five stations, sediment chemistry sampling at four stations, and biological monitoring during the dry season for benthic macroinvertebrates and algal taxonomy and abundance at four stations.



**Gary M. Serviss,
LEED AP**

Principal Scientist

Gary has 28 years of technical and project management experience in environmental assessments and permitting. He has extensive experience in wetlands evaluation/classification, mitigation design, wildlife evaluations, and habitat mapping.

Education

M.S. Marine Biology,
Florida Institute of
Technology

B.S. Biological
Sciences, Florida
Institute of Technology

Professional Registrations/ Certifications

Certified Wetland
Delineator

Leadership in Energy
and Environmental
Design Accredited

Authorized Gopher
Tortoise Agent

**28 years of
professional
experience**



6 Years of Experience
6 Years w/ WRT (Philadelphia)

EDUCATION

University of Pennsylvania,
 School of
 Design, *Master of City
 Planning*

University of Pennsylvania,
 School of
 Design, *Certificate in Ur-
 ban Design*

Columbia University, Gradu-
 ate School of Architec-
 ture, Planning, & Preser-
 vation

Summer Architecture
 Studio: Wayfinding in
 Chatham Square, China-
 town, NY

University of Pennsylvania,
 School of Engineering and
 Applied Science Bachelor
 of Science in Engineering
 in Digital Media Design

PROFESSIONAL AF- FILIATIONS

American Institute of Certi-
 fied Planners
 American Planning Associa-
 tion

Andrew Dobshinsky, AICP ASSOCIATE / URBAN DESIGNER + PLANNER

Andrew's education in city and regional planning included concentrations in urban design and transportation. His background in digital media brings a unique perspective to his work as a planner. He is particularly interested in how geographic information systems (GIS) and other technologies can be used to better inform planning projects and clearly present planning concepts. At WRT, Andrew has led or assisted on several projects by using GIS to create scenario models. He has also worked on a number of projects that advance the planning and implementation of green infrastructure. With Jonathan Barnett, Andrew has led several studios at the University of Pennsylvania School of Design focused on topics such as "Connecting for Global Competitiveness: The Tampa Bay Central Florida Super Region"; "Adaptation to Climate Change in the Delaware River Basin" (2009 AICP Student Project Award Winner); and "An Alternative Future: Florida in the 21st Century."

"Andrew uses GIS-based models to help citizens easily visualize and understand impacts of alternative development patterns and other factors, such as sea level rise."

SELECTED PROJECTS

Southwest Corridor Transit
 Study
 Birmingham, AL

Imagine Austin Comprehen-
 sive Plan
 Austin, TX

Green Streets Modeling
 Philadelphia, PA

Connections 2040 Corridor
 Transportation Plan
 Cedar Rapids, IA

Action Plan to Rebuild New
 Orleans
 New Orleans, LA

Cleveland Metroparks Strate-
 gic Plan
 Cleveland, OH

GreenPlan Philadelphia
 Philadelphia, PA

Lansdale Downtown Destina-
 tion Plan
 and Revitalization Plan Update
 Lansdale, PA

Philadelphia Water Department
 Office of Watersheds Website
 Philadelphia, PA

Red Bank Waterfront Vision
 Plan
 Red Bank, NJ

Tookany / Tacony - Frankford
 Vision
 Philadelphia, PA



36 Years of Experience
36 Years w/ WRT (Miami)

EDUCATION

University of Pennsylvania,
Master of City Planning
 University of Pennsylvania,
Master of Architecture
 Tulane University, *Bachelor*
of Architecture

PROFESSIONAL AFFILIATIONS

The American Institute of
 Architects
 American Planning
 Association

VOLUNTEER / COMMUNITY

Florida Downtown
 Development Association
 Habitat for Humanity of
 Greater Miami, Founding
 Board Member

John E. Fernsler, AIA

PRINCIPAL / ARCHITECT + URBAN DESIGNER + PLANNER

As leader of WRT's comprehensive planning practice, John drives major community planning and growth management efforts in diverse settings nationwide, including environmentally sensitive areas, communities known for their outstanding quality of life, and growing communities striving to contain sprawl. He also creates strategies for revitalizing and redeveloping downtowns and waterfront resort areas. John is particularly adept at creating consensus among competing interests and in communicating Smart Growth planning concepts to diverse audiences.

“John is an exceptional communicator and facilitator, skilled at building consensus among competing interests and at conveying difficult planning concepts to diverse audiences.”

SELECTED PROJECTS

Strategic Urban Development
 Plan for the Metropolitan
 Areas of Panamá and Ciudad
 Colón
 Republic of Panama

Florida Keys Carrying
 Capacity Study
 Florida Keys, FL

Imagine Austin
 Comprehensive Plan
 Austin, TX

Albany 2030 Comprehensive
 Plan
 Albany, NY

Connections 2040 Corridor
 MPO Long Range
 Transportation Plan
 Cedar Rapids, IA

Southwest Corridor Transit
 Study (Land Use Alternatives)
 Birmingham, AL

Monroe County
 Comprehensive Plan
 Monroe County, FL

Greensboro Connections 2025
 Comprehensive Plan
 Greensboro, NC

Lake Maumelle Watershed
 Land Use Plan
 Pulaski County, AR

Miami Beach (South Beach)
 Redevelopment Plan
 Miami Beach, FL

Sanibel Vision /
 Comprehensive Plan
 Sanibel Island, FL

Sistrunk Boulevard
 Redevelopment Plan
 Fort Lauderdale, FL

Village of Key Biscayne 2020
 Vision Plan
 Key Biscayne, FL

Lehigh Acres Sustainable
 Community Plan:
 Retrofitting Platted Lands for
 Sustainability
 Lee County, FL



Mami Hara, AICP, ASLA
PRINCIPAL / PLANNER, LANDSCAPE ARCHITECT, URBAN DESIGNER

Mami's experience ranges from regional planning to project implementation, spanning all phases of physical planning and landscape design. Her career has focused on development of sustainability frameworks and civic projects in urban environments that have included waterfronts and water resources, park open space systems, trail networks, neighborhoods, and cultural institutions. Mami's approach brings together environmental purpose, aesthetic sensitivity, and community vision. She is currently working with the Philadelphia Water Department's (PWD) Office of Watersheds to mobilize implementation of one of the most ambitious municipal green infrastructure programs in the US. Her work with PWD includes program development, program management, policy, and planning as well as advocacy and education for conducting similar projects on a national scale.

24 Years of Experience
24 Years w/ WRT (Philadelphia)

EDUCATION

Harvard University Graduate School of Design, *Master of Landscape Architecture*
 University of Pennsylvania, *Bachelor of Arts in Design of the Environment*

PROFESSIONAL AFFILIATIONS

American Institute of Certified Planners
 American Planning Association
 American Society of Landscape Architects

VOLUNTEER / COMMUNITY

American Architectural Foundation, Sustainable Cities Design Academy, 2009-2010
 Community Design Collaborative; Board Chair (2011-2013), Board Member, Infill Moderator, Volunteer, and Design Review Co-Chair; 2002-present

“Mami works with clients to integrate green infrastructure and urban development to enhance ecological function and civic life.”

SELECTED PROJECTS

Baltimore County Water Resource Management Recommendations
 Baltimore County, MD

Delaware River Assessment
 Trenton to Salem, NJ

Green Infrastructure Programs
 Philadelphia, PA

GreenPlan Philadelphia
 Philadelphia, PA
 Lexington Complete Streets
 Lexington, KY

Philadelphia Green Streets
 Philadelphia, PA

A Civic Vision for the Central Delaware
 Philadelphia, PA

Anacostia Waterfront Initiative
 Washington, DC

Lackawanna River Corridor Master Plan
 Scranton, PA

Nashville Downtown Riverfront
 Nashville, TN

New Kensington Riverfront Plan
 Philadelphia, PA

North Delaware Planning Study
 Philadelphia, PA

Upper Mississippi River Master Plan
 Minneapolis, MN



26 Years of Experience
17 Years w/ WRT (Philadelphia)

EDUCATION

Harvard University, *Master of Architecture in Urban Design*
 Temple University, *Bachelor of Architecture*

PROFESSIONAL AFFILIATIONS

Fellow of the American Institute of Architects
 American Planning Association
 The Congress for the New Urbanism
 Urban Land Institute

RECENT PUBLICATIONS / PRESENTATIONS

Infrastructure Series “A Civic Vision for the Central Delaware,” by Alan Jaffe. <http://www.planphilly.com/node/3743>, (Publication of Work), 2008-2009
 “TOD as an Urban Infill and Suburban Retrofit.” Presentation at NJ TransAction Conference, 2007

Nando Micale, FAIA, AICP, PP PRINCIPAL / ARCHITECT + PLANNER + URBAN DESIGNER

Nando has decades of experience in transforming our country’s cities through the design of vital, sustainable neighborhoods. His work includes city-wide urban design plans, design of waterfront communities, suburban smart growth strategies, transit-oriented development, and urban infill projects. Nando is one of the nation’s leading professionals in the design of mixed-income neighborhoods, with successful HOPE VI communities in 12 states, totaling nearly 10,000 new homes.

“Nando has been instrumental in helping communities across the nation win half a billion dollars in competitive Federal funds for neighborhood revitalization, and is currently working with various cities to position transit-oriented development plans for HUD’s Choice Neighborhoods Grant Program.”

SELECTED PROJECTS

A Civic Vision for Central Delaware Philadelphia, PA	Omaha by Design Omaha, NE
Saginaw Housing Master Plan Saginaw, MI	PATCO TOD Master Plan Study Camden County, NJ
Waterfront Homes Infill Elizabeth, NJ	South Loop District Sustainable Master Plan Bloomington, MN
APM Neighborhood Revitalization Plan Philadelphia, PA	Xiamen Urban Design Plan Xiamen, Fujian Province, China
Camden County Strategic Plan Camden, NJ	Downtown Waterfront Economic Development Trenton, NJ
Lenexa City Center Lenexa, KS	Upper Mississippi River Master Plan Minneapolis, MN
New Orleans Strategic Land Use Plan New Orleans, LA	



**David Rouse, ASLA, AICP, PP, LEED AP
PRINCIPAL / LANDSCAPE ARCHITECT +
PLANNER**

David is a planner and landscape architect whose thought leadership contributes to the vigor of WRT's sustainable communities planning practice. He has directed many of the firm's major planning assignments and has helped formulate key concepts that distinguish WRT's work. David continues to develop and refine ideas and techniques that enable communities to more effectively shape their future. In particular, David has a special interest in planning and design for sustainability, community engagement in the planning process, and capacity-building for implementation.

“David serves on the Sustaining Places Task Force, established by APA President Bruce Knight and CEO Paul Farmer in 2010 to develop recommendations for integrating sustainability into comprehensive plans.”

**30 Years of Experience
23 Years w/ WRT (Philadelphia)**

EDUCATION

University of Massachusetts,
Amherst, *Master of
Landscape Architecture*
Harvard University, *Bachelor
of Arts*

**PROFESSIONAL
AFFILIATIONS**

American Institute of
Certified Planners
American Planning
Association
American Society of
Landscape Architects
Urban Land Institute

**RECENT
PUBLICATIONS/
CONFERENCES**

“Regulating Green: Is your
Community Promoting
Green Infrastructure?”
Zoning Practice, 2010
“Funding Strategies for
Green Community
Development.” New
Green Economy
Conference, National
Council on Science and
the Environment, 2010
“The Sustainable
Comprehensive Plan.”
American Planning
Association National
Conference, 2009

SELECTED PROJECTS

Imagine Austin
Comprehensive Plan
Austin, TX

ELANCO Region
Comprehensive Plan
Lancaster County, PA

Nashville / Davidson County
Metropolitan Parks and
Greenways Master Plan
Nashville, TN

Albany 2030 Comprehensive
Plan
Albany, NY

Cumberland Sustainable
Economic Development
Strategic Plan
Cumberland, MD

Chautauqua County
Comprehensive Plan
Chautauqua County, NY

Cornerstone 2020
Comprehensive Plan and Form
District Zoning
Louisville and Jefferson
County, KY

Eastern Lancaster County
Land Use Study
Lancaster County, PA

Greensboro Connections 2025
Comprehensive Plan
Greensboro, NC

Kansas City FOCUS
Comprehensive Plan
Kansas City, MO

Lancaster County Growth
Management Plan
Lancaster County, PA

Philadelphia Zoning Code
Philadelphia, PA

Union County Multi-municipal
Comprehensive Plan
Union County, PA



18 Years of Experience
15 Years w/ WRT (Miami)

EDUCATION

University of Kansas, *Master of Urban Planning*

University of Kansas, *Bachelor of Arts in Architectural Studies*

University of Kansas, *Bachelor of Arts in Italian Language & Literature*

PROFESSIONAL AFFILIATIONS

American Planning Association (APA)

American Institute of Certified Planners

APA Florida Chapter (Gold Coast Section Board of Directors)

Urban Land Institute, (SE Florida District Council, Infrastructure Committee)

USGBC Miami-Dade / FL Keys Branch, Government Education Committee and Former Board Secretary

APA - Sustainability Policy Guide Update Working Group

VOLUNTEER / COMMUNITY

Habitat for Humanity
 Hands on Miami

LANGUAGES

Fluent in Spanish and Italian
 Proficient in French

Silvia E. Vargas, AICP, LEED AP SENIOR ASSOCIATE / PLANNER

Silvia's professional practice encompasses planning at a variety of scales, ranging from region-wide comprehensive plans to smaller-scale focal plans and site development plans. She has been a project manager for over 12 years, directing the creation of plans throughout the country and abroad. Her experience also includes zoning tools, urban design plans, and architectural guidelines for a variety of community contexts. Prior to joining WRT, Silvia worked as a Senior Planner in the Florida Keys (Monroe County). Throughout her career, Silvia has had a special interest in the application of sustainable practices as part of a holistic approach to achieve balanced community development. She is currently involved in the update of APA's Sustainability Policy Guide, as a member of a working group created by the APA Board of Directors.

“Silvia is a skilled project manager, with extensive public engagement experience and great sensitivity to the challenges of working with diverse stakeholders in the planning process.”

SELECTED PROJECTS

Strategic Urban Development Plan for the Metropolitan Areas of Panamá and Ciudad Colón
 Republic of Panama

Florida Keys Carrying Capacity Study
 Florida Keys, FL

Lehigh Acres Sustainable Community Plan: Retrofitting Platted Lands for Sustainability
 Lee County, FL

Bowling Green / Warren County
 2030 Focus Comprehensive Plan
 Bowling Green, KY

Galveston Comprehensive Plan
 Galveston, TX

Greensboro Connections 2025 Comprehensive Plan
 Greensboro, NC

Sustainable Community Concept Plan
 Alajuela, Costa Rica

St. Charles Parish 2030 Comprehensive Plan
 St. Charles Parish, LA

Village of Key Biscayne 2020 Vision Plan
 Key Biscayne, FL

Fort Lauderdale Vision Action Plan
 Fort Lauderdale, FL

Monroe County Parks and Recreation Land Acquisition Program
 Monroe County, FL



Kenneth E. Poole, PhD

CEO, Center for Regional Economic Competitiveness

Dr. Kenneth E. Poole is currently the Chief Executive Officer of the Center for Regional Economic Competitiveness (CREC). He also serves as the Executive Director of the Council for Community and Economic Research (C2ER) and the Labor Market Information (LMI) Training Institute. Dr. Poole has managed economic development research, analysis, and technical assistance efforts for 27 years.

Recent CREC projects have included managing an eight-year regional analysis and strategy implementation process contract for twelve counties in western North Carolina, directing a multi-phased labor market information improvement grant for the State of Arizona, and building a thirteen-county regional innovation strategy for the area bordering Texas and Oklahoma (Texoma). Dr. Poole has also led the design efforts of a community workforce strategy for Sarnia-Lambton in Ontario, conducted an industrial cluster analysis for a ten-county area around Fort Bragg in eastern North Carolina, and managed a 10-year national technical assistance project with the U.S. Manufacturing Extension Partnership. Under Dr. Poole's leadership, CREC has undertaken and successfully completed over twenty in-depth statewide, regional, and/or local development projects, taking CREC teams from Hawaii to Canada, since 2008 alone.

Relevant Experience:

- Arizona Green Economy Study, Arizona Commerce Authority
- Regional Innovation Grants, Siouxland, Iowa-SD-NE and Cedar Valley, IA
- Labor Market Opportunities Studies, Nashville, TN
- Comprehensive Economic Development Strategy, Future Forward Economic Alliance, western North Carolina
- Visioning Plan, NC's Eastern Region

Education

PhD, Regional Development Policy, George Mason University

Master in Public Administration, The American University

BA, Political Science and Psychology, University of North Carolina at Chapel Hill

Professional Affiliations

Economic Development Quarterly Editorial Board

Applied Research in Economic Development Editorial Board

Bureau of Labor Statistics' Data Users Advisor Council, Member

National Association of Workforce Boards, Member



Emily N. Cook

Vice President, Government Markets

Emily.cook@healthways.com

615-614-4543 office

Emily leads the Healthways' Government Markets group which pursues business in federal and state sectors and performs government relations and affairs for the Company. With more than twenty years with Healthways, Emily has served in various operations and product development capacities including hospital, health plan and government business units. Prior to her current position, she was Director of Corporate Development where she facilitated the formation of strategic relationships, mergers, and acquisitions, thus playing a major role in the growth of the company.

Emily's career has been dedicated to improving the health and care of individuals. Prior to joining Healthways, she worked at a preventive medicine center within The Methodist Hospital in Houston, Texas and managed a multi-specialty physician group. Emily holds a Masters degree in Education from the University of Houston.

Emily is also active in her community and serves on the Board of Directors for the McNeilly Centers for Children; Tennessee's largest provider of high quality care and education for impoverished children.



SHELLEY LAUTEN
 President, *myregion.org*
 75 South Ivanhoe
 Boulevard
 Orlando, FL 32804
 Phone: 407.835.2444
shelley.lauten@orlando.org

Education:

Bachelor's degree English
 Education, Univ. of
 Central Florida

Master's degree Student
 Personnel Administration,
 Western Michigan Univ.

myregion.org is a
 business unit of the
 Central Florida
 Partnership, formed in
 1999 to serve as a catalyst
 for Central Florida's
 individuals,
 organizations, businesses,
 and governments to act
 together in making our
 region globally

Myregion.org has gained state and national recognition for its ground-breaking work—including the first-ever *Central Florida Regional SourceBook*, a strategic framework for regional collaboration throughout the seven-county region, along with a library of original research completed with key community partners, including : the *Central Florida Regional Indicators Report*, *Penn Design Central Florida*, *Central Florida Values Study*, *Naturally Central Florida – Fitting the Pieces Together*, and *The Central Florida Social Capital Survey* bringing contemporary and meaningful data to the question, “How Shall We Grow?”

Shelley is especially proud of myregion's leadership in “How Shall We Grow?” an eighteen-month community initiative to address projected regional growth in Central Florida. From 2005-2007, ten partner organizations collaborated across seven counties and 86 cities, engaging over 20,000 residents throughout the region to create a *Shared Regional Growth Vision*. Since 2007, over 75% of the 93 municipalities of the region have adopted policies that will ensure a better future for citizens of Central Florida: ***Conserving*** green space, ensuring a future for our agricultural ***Countryside***, strengthening our vibrant city ***Centers***, and connecting those centers with ***Corridors*** of transportation.

Recent projects of *myregion.org* include the publication of “*Where in the World Are We—a 2009 Progress Report for Central Florida*,” (which was recently selected as an “International Best Practice of Regional Indicators” by the City of London’s Commission for Architecture and the Built Environment) and “*Connecting for Global Competitiveness-Florida’s Super Region*” --a project commissioned jointly by the Central Florida Partnership and the Tampa Bay Partnership to document the value of working together as Florida’s first “super region”. All of this work-- documenting the power and potential of regional collaboration-- can be downloaded from the website at www.myregion.org

Shelley advances the concepts and ideals of regional collaboration through her service on a variety of local, regional and national Boards, including serving as chair of the University of Central Florida’s Center for Public and Nonprofit Advisory Council, on the Executive Board of the Urban Land Institute-Central Florida, and on the National Board of Directors of the American Chamber of Commerce’s Community Growth Educational Foundation

Shelley held key executive positions at Walt Disney World and the Arnold Palmer Golf Management Company.

Kenneth R. Snyder

President and CEO, PlaceMatters

Ken started PlaceMatters in 2002, and is a nationally recognized expert on a broad range of technical and non-technical tools for community design and decision-making. Ken incorporated PlaceMatters into the Orton Family Foundation from 2005 to 2007, heading up their Planning Tools Program. Ken has organized and hosted five *Tools for Community Design and Decision Making* conferences, the *PlaceMatters* conference, and co-organized the *CommunityMatters07* conference. Prior to launching PlaceMatters, Ken worked for the US Dept of Energy as a Community Development Program Specialist. In 2001, he was awarded a German Marshall Fund Environmental Fellowship and traveled to Europe to study professional peer approaches to land use and transportation planning. In 2000, he served as co-chair of a committee on information and tools for the White House's Livability Council, developing recommendations for the Administration on Building Livable Communities.



Areas of Expertise

- Design and implementation of inclusive public participation processes
- Visualization Tools and Techniques
- Website Development
- Planning and technology tools for community design, visioning and decision-making
- Civic Engagement

Education

Master's in Conservation and Development,
Yale University
Dual Bachelor's in Biology and
Environmental Studies, Oberlin College

Research & Grants

- 2005–2009 Packard Foundation. Grant to create “Bridging the Divide” Initiative.
- 2002–2004 Surdna Foundation. Grant to establish PlaceMatters.com and cover operational budget.

Professional Affiliations

Board Member, National Charrette Institute
ICLEI Star Communities Technical Advisor
Former Chair of the American Planning Association's Technology Division

Relevant Project Work

- Comprehensive Plans: Albany, NY; Ault, CO; Fort Collins, CO; Lyons, CO; Woodland Park, CO; Comprehensive Plan
- Chula Vista Research Project
- Alexandria, VA Ecosummit
- Interagency Climate Change Scenario Planning for Cape Cod
- Hamakua, HI Community Development Plan
- Amador and Calaveras Counties, CA Water and Land Use Workshops
- Omaha Comprehensive Energy Management Plan
- Boston MetroFuture
- Missouri River Ecosystem Restoration Project
- Philadelphia LandVISIONS
- Shreveport-Caddo, LA Visioning
- Wichita Downtown Redevelopment Plan
- Research Triangle Park, Triangle Tomorrow (NC) & Upstate South Carolina Reality Check Processes



Pamela A. Adams

Public Outreach & Engagement/Government Relations/Strategic Planning/Meeting Facilitation

Pamela Adams is the President and founder of Adams Consulting Group (ACG). ACG is a full service public outreach and engagement consulting firm, specializing in the design and execution of public engagement and involvement strategies and programs for large impactful public transportation, planning, neighborhood revitalization, and quality of life infrastructure improvement projects. Also included in the scope of services provided are government and community relations and project management.

Education

Masters of Public Administration

Pennsylvania State University, State College, PA (1973)

B.S., Sociology
Political Science,

Western Michigan University,
Kalamazoo, MI(1971)

Total Years of Experience

30

Over the past ten years Pamela has garnered a reputation of delivering effective, sustained public engagement, information and participation programs and diversity programs. The City of Miramar, Fort Lauderdale Downtown Development Authority , City of Fort Lauderdale CRA, Fort Lauderdale/Hollywood International Airport and the Broward Metropolitan Planning Organization are a few of the clients who have retained the services of ACG to design public participation, outreach, information and engagement programs. These programs are designed to facilitate community input and build consensus and understanding for client's programs.

Pamela has extensive experience designing unique programs to include diverse stakeholder communities and target clusters for each project. She brings valuable local knowledge and relationships to each engagement. She works as an integral part of the project team from the onset to ensure the nuances of public engagement are included in every phase.

The ACG approach is to foster mutual understanding and respect between the community stakeholders and project clients to result in consensus for infrastructure improvement and quality of life projects, programs or initiatives.



Magali R. Abad

Community Outreach /Public Relations /Grant Writer & Administrator

Ms. Abad is the President of MAGBE Consulting Services, Inc. a women-owned Hispanic consulting firm, certified as SBA SDB 8(a), DBE, Micro/SBE, MBE, headquartered in Miami, Florida. During the 35 year career Ms. Abad has been instrumental in assisting and successfully administered more than 25 Federal Grants; she has developed, implemented and monitored community educational programs. She is an experienced community relations & grass roots professional with expertise in both Hispanic and African American/Caribbean communities. Ms. Abad also participates in public opinion forums and is frequent guest on local TV and Radio programs.

An excellent facilitator and project manager, Abad spearheaded the effort to create a coalition of 21 Resident Councils from Miami-Dade Public Housing and this effort resulted in grants totaling 2.1 Million Dollars being granted to the resident councils to strengthen their participation in resident's self sufficiency.

Ms. Abad has successfully executed public involvement plans for The Department of Housing and Urban Development HUD, Florida International University's Center for Aging, Florida Department of transportation (FDOT) and the Native American Community.

Project Experience:

Marlins Parking Garage, Suffolk Construction, Prime Company	(01/2010-ongoing)
Miami-Dade MPO, Jacobs, Prime Company	(2010- ongoing)
NW 7 Ave Reversible Lane Study, BHA & Associates, Prime Company	(2006-2008)

Education

Bachelor of Arts
in Psychology,
Biscayne
College, 1977

**Total Years of
Experience**

35

**Professional
Affiliations:**

Past-Chairperson
Miami-Dade
County
Commission for
Women.
Chair, Miami-
Dade Hispanic
Advisory Board
Member of
South Florida
Hispanic
Chamber of
Commerce
Director, Miami-
Dade Friends of
the Commission
for Women



Irela M. Bagué

Governmental Liaison/Public Relations

Irela M. Bagué is an accomplished public relations and intergovernmental affairs specialist with over 10 years of experience in south Florida. In 2003, Ms. Bagué was appointed to the South Florida Water Management District Board by Governor Jeb Bush, where she held the position of Board Vice-Chair until March of 2007.

Her career highlights include working for Audubon of Florida, National Audubon Society's Florida State Office as the State's Public Affairs Coordinator. Before joining Audubon, she was a Government and Public Affairs Specialist in Miami-Dade County for the South Florida Water Management District (SFWMD). In this capacity, she managed media relations, event coordination and community outreach for the Comprehensive Everglades Restoration Plan outreach initiatives.

Prior to her work with SFWMD, Bagué served as a Commission Aide to former Miami-Dade County Commissioner Miguel Diaz de la Portilla where she managed the Commissioner's District office, which served a heavily populated section of western Miami-Dade County. Bagué handled community affairs, intergovernmental relations and coordinated all media and community events for the Commissioner.

Education

Associate in Arts,
Miami Dade College
Miami, FL 1998

Total Years of Experience

22

Professional Affiliations:

Served, Vice Chair,
South Florida Water
Management District
Governing Board.

Served, Chairperson,
Miami River

Commission

Member, Water
Resources Advisory
Commission
(SFWMD)

Member, Coral
Gables Emergency
Management Board
Board of Directors,
South Florida

Hispanic Chamber of
Commerce

Chairperson, Girl
Scout Council of
Tropical Florida, Inc.

Board of Directors,
Action Community
Center Board of
Directors, Friends of
the Commission for
Women.

Project Experience:

Marlins Parking Garage.	(01/2010-ongoing)
Suffolk Construction, Prime Company	
Miami-Dade MPO	(2010- ongoing)
Jacobs, Prime Company	
North Bayshore Drive Project.	(2009-2010)
PBS&J, Prime Company	
NW 7 Ave Reversible Lane Study.	(2006-2008)
BHA & Associates, Prime Company	
Miami Dade County MPO, Kendall Corridor Study	(2006-2007)



Michael Brady

Public Relations/Media Relations/Community Involvement

Relevant Experience

Michael Brady is a resident of Palm Beach County, Florida for 23 years. He was appointed and reappointed by two separate Commissioners to the Palm Beach County Sports Commission where he currently serves as President of the Board. He chaired the Branding and Public Relations, and Strategic Planning committees, while serving as Vice President. He also serves as a Director of the Greater Palm Beach Red Cross, which serves five counties in South Florida.

Education

AA Photography
Minneapolis
Technical
Institute

He has extensive experience in public involvement, serving as the PI representative for Palm Beach County, on the South Florida East Coast Corridor Study identifying and securing multiple locations, notifying stakeholders, and coordinating meetings. In addition, he serves as a consultant on best practices for public involvement to major engineering and development companies.

Experience

4 years as a
professional
photographer

Michael served on the Board, and President of SunFest, Inc. a private non-profit arts and entertainment organization. While at SunFest, he was chair of the Public Relations committee for eight years and served for twelve years total. During his tenure, he increased the budget by One Million dollars and introduced 12,000 academic achievers to the organization.

4 years as a radio
executive

Michael, with the assistance of others, began the first public broadcast radio station (KFAI) in Minneapolis, where he served as Vice Chair of the Board, Director of Community Affairs and an on-air personality. He testified before the Minnesota Senate in favor of allowing an increase in wattage for the station. The effort proved successful, resulting in the increase. The station is still in existence.

7 years in public
relations
for a regional
bank

20 years as a
business owner

He has been in private business for over 20 years as a Partner in his public relations firm, and previously served as the public relations coordinator for a top 20-ranked bank holding company, prior to starting his company.

**Education**

Bachelor's in
Landscape
Architecture from
Michigan State
University

**Professional
Affiliations**

Martin County
Economic Council
Board of Directors

Gulfstream Business
Board of Directors

Martin County
Council for the Arts
Board of Directors

City of Stuart Main
Street Program

Martin County
Chamber of
Commerce

Fort Pierce/St. Lucie
County Chamber of
Commerce

President of the
Pines School's
Board of Directors

Thomas Lucido

Landscape Architecture/Land Use Planning

Three years into an art education major, Thomas was dogged by doubts about a career in teaching. Pondering the possibilities left him baffled at how to bridge his art background with the business world. Thomas sought guidance from his college counselor. After several aptitude tests he arrived at two options: medical illustrator, or this other, lesser-known profession as a ... Landscape Architect.

An avid guitar player and outdoorsman, the Detroit native forged into the field of Landscape Architect, which meshed his love of the arts and nature.

Working with respected firms, he realized just how deeply key endeavors depended on group dynamics. So after establishing his own firm in 1988, Thomas assembled a talented employee base and fostered an atmosphere that de-emphasized ego and encouraged bold, varied, creative exchanges.

Having successfully connected his artistic and business interests, Thomas frequently finds himself fulfilling another role — guiding and instructing his staff — much like the teacher he once wanted to be.

Architectural designs he admires are The Chrysler Building in New York; the Church of the Holy Family in Barcelona and St. Peter's Basilica in Vatican City.

A cherished personal project is one of his earliest, Danforth Creek, a place that finds the delicate harmony between the natural environment and manmade creations. A dream project of his would be designing the Boboli Garden of Florence, Italy. His career goal is to build quality, enduring partnerships that will allow this company to thrive long after he is gone.

**Education**

Bachelor's in
Environmental
Science from the
Florida Institute
of Technology

Morris Crady

Land Use Planning

Early on Morris learned an important adage: “Teach a boy to fish, and he’ll feed ... the whole campground?” Well, pretty much. Morris nurtured a deep love of nature on summer-long camping trips with his family and friends at Fort Clinch State Park along the Florida-Georgia border. After fishing all day, father and son cleaned and cooked their catch and shared with fellow campers.

When research revealed that his plans to farm fish would fail the profitability test, Morris took a few courses in land planning in college. In 1982, Morris took a job with the Martin County Planning Department and met Thomas Lucido when he was working for a landscape architect company.

This field tapped his passion for property rights and the outdoors. The husband, and father of two – a son and daughter, he now specializes in getting government approvals. His reports and public presentations boil down months of complex research into simple, digestible bites.

As comfortable as he is in front of an audience, he loves getting away, not too far, mind you. The Treasure Coast his proclaimed paradise, he stays close to home — preferring jaunts to the Everglades for some primitive camping, and no doubt, a little fishing.

Projects he is most proud of include the Florida Oceanographic Society Coastal Science Center, the Center for Captive Chimpanzee Care and any project where the developer keeps his promises. His dream project? He doesn’t have a desire to be a part of anything that he’s not already working on. His goal is his legacy — to leave something of significance behind — in the written or man-made form.



APPENDIX

APPENDIX

CORPORATE LEADERSHIP AND OFFICE LOCATIONS

JACOBS

Jacobs Board of Directors

- Craig L. Martin, President and CEO
- Noel G. Watson, Chairman of the Board
- Joseph R. Bronson
- John F. Coyne
- Robert C. Davidson, Jr.
- Edward V. Fritzky
- John P. Jumper
- Linda Fayne Levinson
- Benjamin F. Montoya
- Thomas M. T. Niles
- Peter Robertson
- Linda K. Jacobs, Director Emerita

DELIVERING SUPERIOR VALUE

*Our constant drive to find ways to deliver **SUPERIOR VALUE** to our clients is a powerful competitive advantage for our business. It clearly illustrates our culture of going the extra mile for our clients, understanding our clients' businesses, and ensuring their businesses are better for having worked with Jacobs.*

Jacobs Officers

- Michael T. Autrey, Group Vice President, Southern Region
- William J. Birkhofer, Sr. Vice President, Public Sector Sales
- Dante V. Caravaggio, Sr. Vice President, Heavy Process Sales
- Cora L. Carmody, Sr. Vice President, Information Technology
- **Robert M. Clement, Group Vice President North America Infrastructure**
- Jay Michael Coyle, Group Vice President, Eastern Region
- Robert S. Duff, Group Vice President, Infrastructure
- Colin M. Edwards, Sr. Vice President, Quality and Safety
- Arlan C. Emmert, Group Vice President, Middle East
- Thomas R. Hammond, Executive Vice President, Operations
- Andrew F. Kremer, Sr. Vice President, Global Sales
- George A. Kunberger, Jr., Executive Vice President, Operations
- Gregory J. Landry, Executive Vice President, Operations
- William C. Markley, III, Sr. Vice President, General Counsel
- Robert Matha, Group Vice President, Mainland Europe
- **H. Thomas McDuffie, Jr., Group Vice President, Global Buildings North America**
- John McLachlan, Sr. Vice President, Strategy & Acquisitions
- **Kevin J. McMahon, Group Vice President, North American Infrastructure**
Jacobs Division responsible for this contract
- Earl J. Mitchell, Jr., Group Vice President, Western Region
- Christopher E. Nagel, Group Vice President, Asia-Pacific

Jacobs Officers (continued)

- Robert G. Norfleet, Group Vice President, Jacobs Technology, Inc.
- Robert V. Pragada, Group Vice President, Northern Region
- John W. Prosser, Jr., Executive Vice President, Finance
- Rogers F. Starr, President, Jacobs Technology, Inc.
- Philip J. Stassi, Group Vice President, Global Construction Services
- Patricia H. Summers, Sr. Vice President, Global Human Resources
- Allyn B. Taylor, Group Vice President, U.K. and Ireland
- Nazim G. Thawerbhoy, Sr. Vice President & Controller
- Paul F. Wagner, Vice President, North American Infrastructure

Office Locations

Jacobs has over 160 offices worldwide and more than 100 in the United States. Our Jacobs website (<http://www.jacobs.com/office.aspx?country=United States>) provides a complete list of office locations. Jacobs will manage the work from our local Deerfield Beach office with support from staff located in the following offices:

- Miami, FL
- West Palm Beach, FL
- Tampa, FL
- Jacksonville, FL
- Santa Ana, CA
- Atlanta, GA
- Dallas, TX
- Fort Worth, TX
- Morristown, NJ
- United Kingdom

VHB Miller Sellen

VHB Miller Sellen Board of Directors

- Robert S. Brustlin, President and Chairman (term expires April 2014)
- William J. Roache, Assistant Clerk (term expires April 2013)
- Jonathan L. Feinstein (term expires April 2013)
- Kenneth A. Schwartz (term expires April 2012)
- John J. Kennedy (term expires April 2012)
- Theresa Elkowitz (term expires April 2013)
- Donald J. Cooke (term expires April 2014)
- Christopher R. Conklin (term expires April 2014)
- Gerry Salontai (term expires April 2012)

VHB Miller Sellen Elected Corporate Officers

- Robert S. Brustlin, President and Chairman of the Board
- John B. Jackson, Treasurer
- Robert M. Dubinsky, Clerk
- William J. Roache, Assistant Clerk
- Anne P. Zebrowski, General Counsel

VHB Miller Sellen Board Appointed Officers

- Michael J. Carragher
- James L. Diorio
- Vaughn Rinner
- David Perry

VHB Miller Sellen Offices:

- | | | |
|-----------------|-------------------------|----------------------|
| • Orlando, FL | • Middletown, CT | • Springfield, MA |
| • Sarasota, FL | • New York, NY | • Tysons corner, VA |
| • Albany, NY | • North Ferrisburgh, TV | • Virginia Beach, VA |
| • Bedford, NY | • Providence, RI | • Watertown, MA |
| • Boston, MA | • Raleigh, NC | • White Plains, NY |
| • Edison, NJ | • Richmond, VA | • Williamsburg, VA |
| • Hauppauge, NY | • Silver spring, MD | • Worcester, MA |

Website: www.vhb.com

Arup

Directors:

- Ashok Raiji
- Mahadev Raman
- Jim Quiter

Arup Officers:

- Ashok Raiji, President
- Matt Tweedie, Secretary
- Alan Jennat, Assistant Secretary

Arup Offices:

- | | | |
|-------------------|---------------------|-------------------|
| • Boston, MA | • New York, NY | • London, England |
| • Chicago, Il | • San Francisco, CA | |
| • Houston, TX | • Seattle, WA | |
| • Los Angeles, CA | • Toronto, Canada | |
| • Edison, NJ | • Washington, DC | |

A complete listing of Arup's worldwide offices can be found: http://arup.com/Contact_us/Offices.aspx

Healthways

Healthways Board of Directors

- John W. Ballantine
Healthways Chairman of the Board since 2011
- J. Cris Bisgard, M.D., M.P.H.
Healthways Board Member since 2003
- Thomas G. Cigarran
Healthways Chairman Emeritus since 2011
- Mary Jane England, M.D.
Healthways Board Member since 2004
- Ben R. Leedle, Jr.
President and Chief Executive Officer
- C. Warren Neel, Ph.D
Healthways Board Member since 1991
- William D. Novelli
Healthways Board Member since 2009
- William C. O'Neil, Jr.
Healthways Board Member since 1985
- Alison Taunton-Rigby, Ph.D
Healthways Board Member since 2005
- John A. Wickens
Healthways Board Member since 2007

Healthways World Headquarters

701 Cook Springs Blvd.
Franklin, TN 37067
800-327-3822

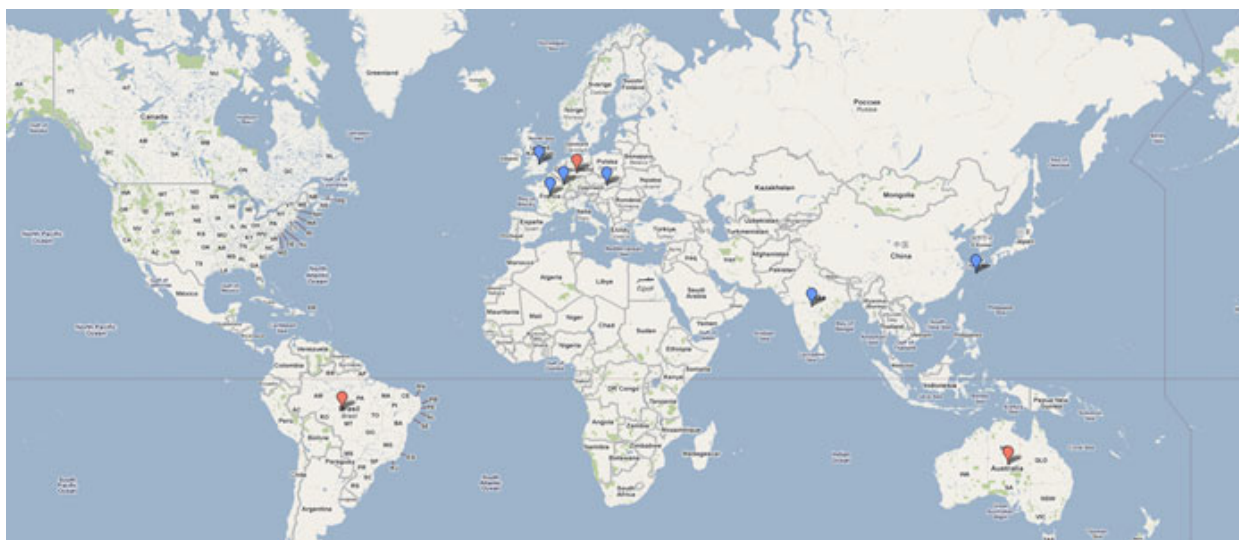
Seattle, WA
Salt Lake City, UT
Tempe, AZ
Chandler, AZ
Eagan, MN
Des Moines, IA

St. Louis, MO
Toledo, OH
Pittsburgh, PA
Sterling, VA
Westborough, MA
Boston, MA

Baltimore, MD
Raleigh, NC
San Antonio, TX
Kapolei, HI

Programs are operated in all 50 states and Washington DC. Call centers and other healthcare facilities are located throughout the United States. Please refer to website for additional information.

Website: www.healthways.com



Healthways Worldwide

The largest, most experienced global Disease Management and Well-Being provider

Australia

Since 2009, over 1 million people currently have access to our comprehensive program of fully integrated care and health management services, including chronic disease support and wellness programs. For more information about Australia and New Zealand please visit [our site](#), email [Craig Bosworth](#) or call +61 (0) 409 356 455.

Brazil

Since 2008, a strategic partnership with Fleury S.A. is introducing disease management and wellness to 40 million people around Brazil. For more information please visit [Enfoque de Healthways Brazil](#), email [Nicolas Toth](#), or call +55 11 9450-4560.

Germany

From 2007 to 2010, our first international operation supported over 40,000 program participants across Germany with chronic diseases. A [study](#) showed that our proactive telephonic care management calls helped reduce hospital admissions among patients with chronic disease. For more information about Germany, Switzerland or Austria please visit [our site](#), email [Dr. Andreas Haaf](#) or call +49 3302 86428 650.

France

In April 2011, Healthways and partner Altran launched a 4-year agreement with France's Caisse Nationale d'Assurance Maladie des Travailleurs Salariés (CNAMTS) to improve the well-being of its diabetes patients across France. In 2012-2013, coverage will expand to patients with other chronic diseases. For more information, email [Arnaud Lambert](#) or call +33 (6) 88 28 44 32.

Healthways Locations (continued)

Other Western European locations For more information please email **Giles Tomsett** or call +44 207 400 3345

Eastern Europe For more information please email **Giles Tomsett** or call +44 207 400 3345

Africa For more information please email **Giles Tomsett** or call +44 207 400 3345

Asia For more information please email **Giles Tomsett** or call +44 207 400 3345

Asia/Pacific For more information please email **Craig Bosworth** or call +61 (0) 409 356 455.

India For more information please email **Srivathsan Aparajithan** or call +91 98865 49747.

Latin America For more information please email **Nicolas Toth** or call +55 11 9450-4560.

Middle East For more information please email **Giles Tomsett** or call +44 207 400 3345