

Fishery Issues and Potential Future Conditions of Fishery Resources and Fishing Experience in Biscayne National Park

ISSUE CATEGORIES

1. POPULATIONS OF EXPLOITED FISH & SHELLFISH

SUB CATEGORY 1.1

The abundance and average size of fish (that are subject to take and spend a significant portion of their lives within the Park) relative to those fish in similar fished habitats outside the Park

SUB CATEGORY 1.2

Future abundance and average size of fish within the Park (that are subject to take and spend a significant portion of their lives within the Park) relative to current levels

SUB CATEGORY 1.3

The long-term abundances of spiny lobster, blue crab, stone crab and pink shrimp within the Park

2. COMMERCIAL FISHING ACTIVITY

SUB CATEGORY 2.1

Numbers of commercial fishers within the Park

SUB CATEGORY 2.2

Bycatch amount and bycatch-related mortality associated with commercial fishing gear

3. HABITAT CONDITIONS
(Alterations to the physical natural environment by recreational and commercial fishing activities)

SUB CATEGORY 3.1

Impacts from roller-frame trawling

SUB CATEGORY 3.2

Frequency of derelict spiny lobster and crab traps and trap debris on benthic habitats

SUB CATEGORY 3.3

Frequency of lost or discarded hook and line fishing gear

SUB CATEGORY 3.4

Habitat impacts (e.g., broken, injured and over-turned coral) due to lobster divers

SUB CATEGORY 3.5

Spearfishing impacts

4 RECREATIONAL FISHING EXPERIENCE

SUB CATEGORY 4.1

Quality of experience of Park visitors engaged in recreational fishing

SUB CATEGORY 4.2

The portion of flats fishers experiencing a “private and tranquil” experience

SUB CATEGORY 4.3

Fishing public’s knowledge of fishing regulations in the Park

SUB CATEGORY 4.4

Fishing public’s compliance with fishing regulations in the Park
