

Issue: Effectively manage resources



Gray's Reef National Marine Sanctuary (GRNMS)

NCCOS Program Goals & Objectives

NCCOS Strategic Goal 1.1
All NOAA-protected areas will have
baseline assessments of ecological resources

Issues & Problems

NCCOS Societal Stressor 2.2
Determine the social, economic, and biologic effects
of human activities on specific coastal ecosystems

Research Response

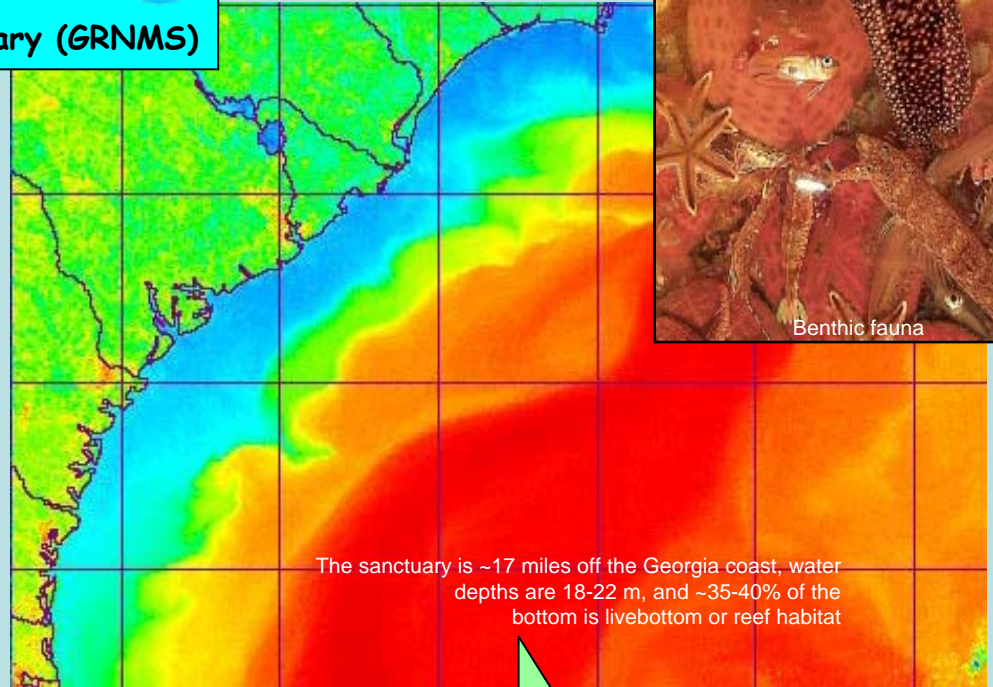
NCCOS Project Title
"Characterization and Ecological Monitoring
at Gray's Reef National Marine Sanctuary"

jhare@mola.na.nmfs.gov NPD Project Code 02F00007

NMSP Management Need

Informed ecosystem-level resource management
to maintain healthy fish stocks

Adaptive Management & Research Refinement



Performance Measures

Evaluate diet, trophic linkage, and distribution of reef fish

Characterization

Characterize physical oceanography, fish distribution, size, abundance, and trophic dynamics

Achievement of outcome:
Peer-reviewed journal articles describing larval, juvenile, and adult fish use of GRNMS and surrounding areas

