



Project Title: Climate-Smart Sanctuaries

Headline Title (2-5 words): Climate-Smart Sanctuaries For Resilient Marine Resources

Brief Summary (Abstract):

NOAA's Office of National Marine Sanctuaries (ONMS) oversees a national system of marine protected areas that includes 13 national marine sanctuaries and one marine national monument, encompassing more than 150,000 square miles of ocean and Great Lakes waters. The ONMS recently developed a Climate-Smart Sanctuary Initiative to help national marine sanctuaries and other marine protected areas to prepare for and respond to impacts associated with changing climate and ocean conditions. The initiative requires each site in the system to develop a climate site scenario and a climate action plan, including strategies for management, science, outreach, operations, and other activities. Sites that complete the requirements receive "climate-smart sanctuary" certification recognizing that they have met the program's standards. The evaluation and certification process has been completed in the Gulf of the Farallones National Marine Sanctuary in California and Fagatele Bay National Marine Sanctuary in American Samoa.

Project Location: National

Partners: NOAA, other fed agencies, States, nongovt

Background:

Project Goals: The overall goal is to ensure national marine sanctuaries and other marine protected areas in the national system are prepared for impacts associated with changing climate and ocean conditions. The goal is for each site in the system to develop a climate site scenario and a climate action plan, including strategies for management, science, outreach, operations, and other activities.

Strategy Goals Implemented: 2, 7

Climate Impacts Addressed:

Climate impacts on marine and coastal ecosystems including increasing ocean temperatures, changing storm frequency/intensity, changes in salinity and/or currents, ocean acidification and the cascading impacts of these physical and chemical changes on living marine resources and the people that depend on them.

Status of Project Implementation (Timeline, Milestones, Next Steps):

Project Outcomes:

National marine sanctuaries and other marine protected areas in the national system are prepared for impacts associated with changing climate and ocean conditions. Each site in the system to develop a



NATIONAL *fish, wildlife & plants*
CLIMATE ADAPTATION STRATEGY

climate site scenario and a climate action plan, including strategies for management, science, outreach, operations, and other activities.

Funding Sources: NOAA and others

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Photos/Attachments:

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