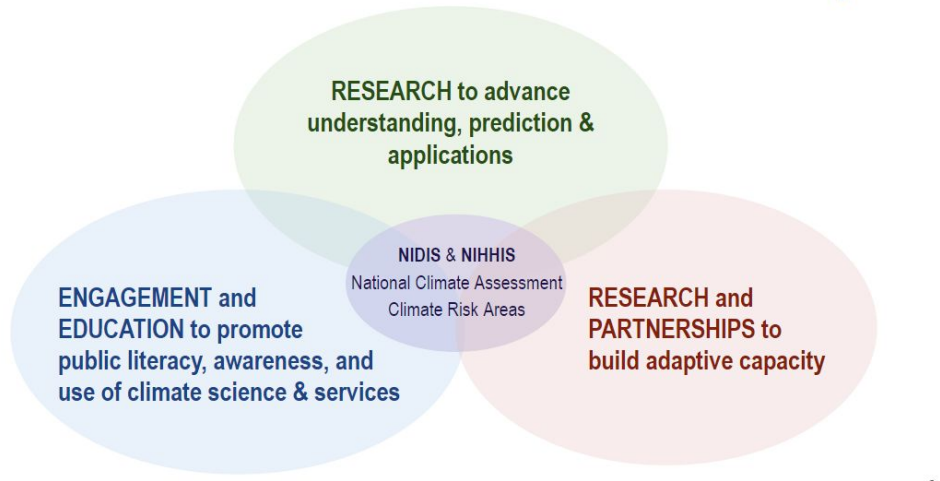# Overview of NOAA/OAR - Climate Program Office (CPO) Science for Sanctuaries Projects

Ginny Selz, PhD

Program Manager, Climate Variability and Predictability Program;
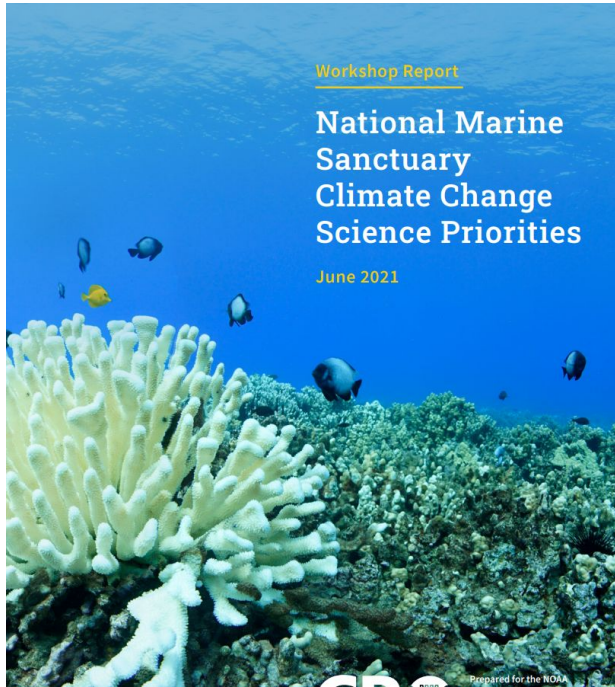Climate Observations and Monitoring Program (interim)

Climate Program Office Overview

RESEARCH to advance understanding, prediction & applications

NIDIS & NIHHIS
National Climate Assessment
Climate Risk Areas

ENGAGEMENT and EDUCATION to promote public literacy, awareness, and use of climate science & services

RESEARCH and PARTNERSHIPS to build adaptive capacity

- **Climate Observations and Monitoring Program (COM)**
- **Modeling Analysis Predictions and Projections Program (MAPP)**
- **Climate and Fisheries Adaptation Program (CAFA)**
- **Communication Education and Engagement Division**

CLIMATE PROGRAM OFFICE
ADVANCING SCIENTIFIC UNDERSTANDING OF CLIMATE, IMPROVING SOCIETY'S ABILITY TO PLAN AND RESPOND

Goal: increase climate information and tools for ONMS management and planning

Workshop Report

National Marine Sanctuary Climate Change Science Priorities

June 2021

Prepared for the NOAA

- Solicitation co-developed with ONMS through small-group discussions and workshop report
- CPO co-supports coordinator position that sits in ONMS
- Discussions engaged multiple coast-focused NOAA offices and programs

CLIMATE PROGRAM OFFICE

ADVANCING SCIENTIFIC UNDERSTANDING OF CLIMATE, IMPROVING SOCIETY'S ABILITY TO PLAN AND RESPOND

IRA funding *enhanced effort* to increase climate information and tools for ONMS management and planning

IRA funding supports 4 additional projects (multi-institution) focused on **indicators**, **climate projections**, and **real-time monitoring** (Total = 11 projects)

Projects form Science for Sanctuaries Task Force

Co-leads:

- Frank Muller-Karger (U. South Florida)
- Melanie Fewings (Oregon State)
- Chris Kelble (NOAA AOML)
- Tammy Silva (NOAA/ONMS - Stellwagen Bank)

Members:

- Funded Project PIs, Co-Is, etc.
  - IOOS participation: SECOORA, GCOOS, NERACOOS, NANOOS
- Projects coordinating with Sanctuaries: Cordell Bank, Greater Farallones, Channel Islands, Olympic Coast, Stellwagen Bank, Flower Garden, Florida Keys

CLIMATE PROGRAM OFFICE
ADVANCING SCIENTIFIC UNDERSTANDING OF CLIMATE, IMPROVING SOCIETY'S ABILITY TO PLAN AND RESPOND

Next Steps for Science for Sanctuaries Task Force

- Meet monthly since Fall '22
- IRA projects integrated into Taskforce ~ Fall '23 - Winter '24
- Chairing Ocean Sciences Session
- Anticipating a Mid-term Summer '24 PI Meeting
- Staff changes - New MAPP program analyst/COM Program Manager in progress