Projects and ActivitiesThu Mar 28 08:53:20 HST 2024

Name	Advancing Best Practices for the Formulation of Localized Sea Level Rise/Coastal Inundation Extremes Scenarios for Military Installations in the Pacific Islands
Capability Area: Variability/Changes	- Understanding Climate Variability and Change - Operational Products and Services - Research/Development - Best Practices/Guidance - Decision Support Tools
ECV	- Surface (e.g., SST, SSH, salinity, ocean color)
Timeframe	- Multi-decadal (scenarios)
Status	- Ongoing
Focus Area	- Coastal Inundation/Sea Level Rise, Extreme Weather, and Community Resilience
Regions	- Western North Pacific - Guam - RMI
Description	Guidance will be developed, through an iterative process of analysis and assessment complimented by periodic expert input that outlines best practices and methodologies that can be used to formulate probabilistic estimates of extreme events under a changing climate for specific locations in the Pacific Islands. This will include the creation of innovative proof-of-concept products that can be used directly to support decision-making ranging from area-wide vulnerability assessment related to climate adaptation planning and disaster risk reduction to site-specific analysis related to design and maintenance of facilities and infrastructure at select DoD sites. Attention will also be given to incorporating the results of the work into IT-based decision-support and visualization tools.
Lead Agencies	NOAA/NESDIS/NCDC
Contacts	John Marra, Regional Climate Services Director - Pacific Region, john.marra@noaa.gov
Partnering Agencies	NOAA/NOS/CO-OPS, UH/JIMAR
Required Resources	DoD/SERDP
Projected Timelines	April 2012-April 2014