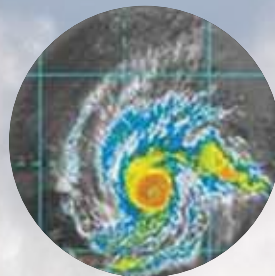




NOAA Sea Grant COASTAL STORMS PROGRAM

Pacific Islands Region



*Fostering Community
Resilience to Coastal Hazards*

NOAA

University of Hawai'i
NOAA Sea Grant Coastal Storms Program
(Pacific) <http://seagrants.oest.hawaii.edu/csp>
(National) <http://coastalstorms.noaa.gov>



UH Sea Grant

UH SEA GRANT

The University of Hawai'i Sea Grant College Program (UH Sea Grant) is hosting the NOAA Coastal Storms Program in the Pacific Islands region. Based out of the University of Hawai'i in Honolulu, the Coastal Storms Program complements UH Sea Grant's strong background in coastal hazards and extension efforts in the Pacific region. For more information visit: <http://seagrant.soest.hawaii.edu/csp>



GEOGRAPHIC SCOPE OF THE PACIFIC ISLANDS REGION

Encompassing the U.S. affiliated territories and Freely Associated States

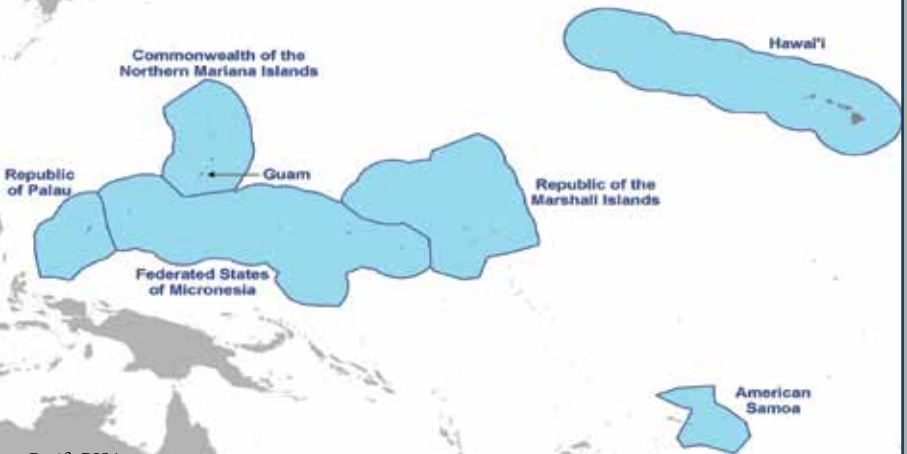


Image: PacificRISA

Background

BACKGROUND

The Coastal Storms Program (CSP) is a regional effort led by the National Oceanic and Atmospheric Administration (NOAA) to make Pacific Island communities safer and more resilient to coastal hazards. This work is accomplished by bringing together organizations from a variety of sectors and fostering partnerships for community collaboration.

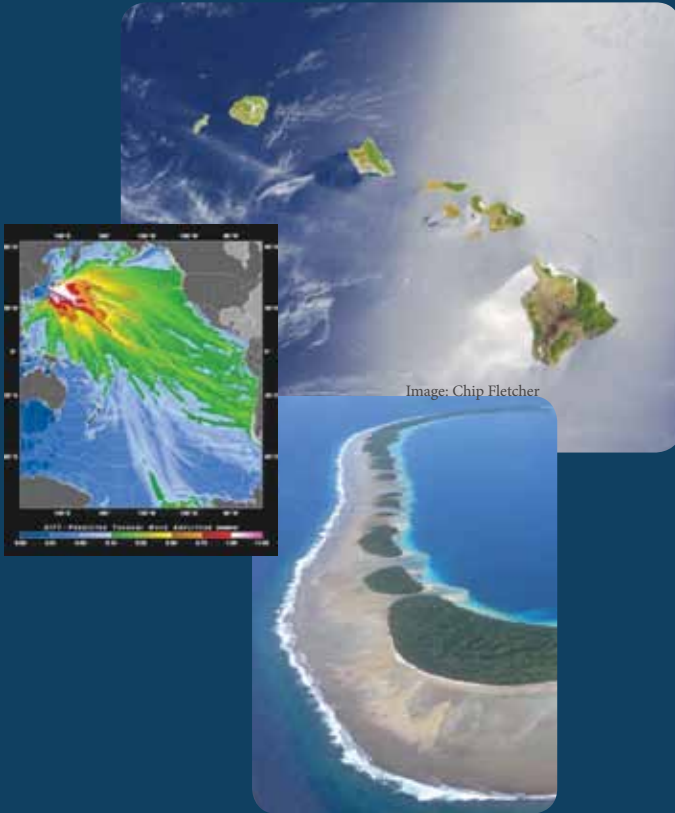


Image: Chip Fletcher

Goals and Objectives

COASTAL STORMS PROGRAM PROJECT GOALS AND OBJECTIVES

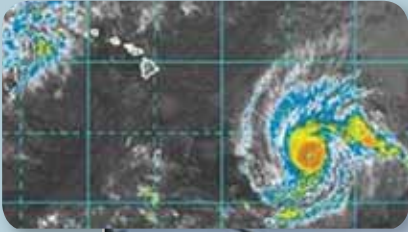
1. Reduce the impact of coastal hazards to Pacific Island communities, ecosystems, and economies.
2. Improve the regional capacity to identify, plan for, and respond to natural hazards.
3. Support communication, awareness, and understanding of coastal hazards in the region.
4. Foster community resilience through outreach, education, and CSP products and services.

Products

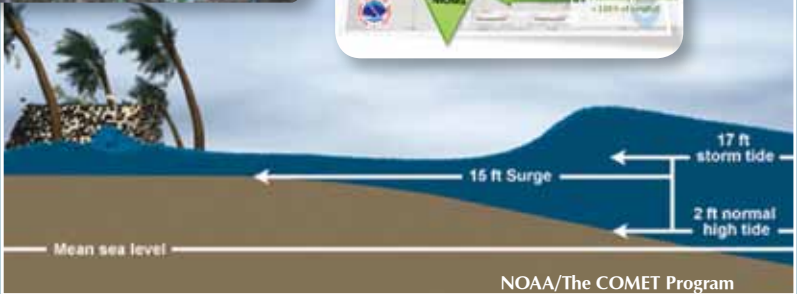
PRODUCTS

Products developed for the Pacific Islands CSP include a suite of new and improved tools, data, information, forecast models, and training for coastal communities.

- Total water level modeling and forecasts (sea level + storm surge)
- Storm observations and forecast modeling
- Multi-hazard risk and vulnerability assessment
- Climate change and coastal hazard risk assessments
- Coastal hazard mitigation, research, planning, and policy
- Community disaster resilience
- Training and education
- Ecosystem assessment and storm response



National
Weather
Service
Storm Surge
Forecast Tools



Results

RESULTS

Products developed are intended to result in improved community hazard awareness, preparation, and resilience. Products and services are driven by local needs and complement targeted education and outreach activities of the Coastal Storms Program.





Image: Fujimoto-Garden Isle News

Small Grants

SMALL GRANTS

The Coastal Storms Program offers competitive grants to Pacific Island communities focusing on coastal hazards and community disaster resilience with emphasis on tools, services, and plans that support:

- Risk and vulnerability assessment (maps, plans, policy, and research)
- Hazard impact, assessment, and mitigation planning
- Outreach and education
- Coastal hazard mitigation planning and policy
- Sea-level rise and storm surge inundation research and planning
- Disaster resilience, response, and recovery

Eligibility for Small Grants

Local governments, non-profits, homeowner associations, business organizations, and community/university partnerships within Hawai'i, the U.S. affiliated territories and Freely Associated States are eligible.



Hurricane inundation modeling in Honolulu
Image: Dr. Kwok Fai Cheung

Partners

PARTNERS



- University of Hawai'i Sea Grant College Program
- Hawai'i State Civil Defense (SCD)
- NOAA Pacific Services Center (PSC)
- NOAA Pacific Climate Information System (PaCIS)
- National Disaster Preparedness Training Center (NDPTC)
- National Weather Service (NWS)
- Pacific Islands Ocean Observing System (PacIOOS)
- Pacific Risk Management 'Ohana (PRiMO)
- Pacific Islands Climate Change Consortium (PICCC)
- Pacific Regional Integrated Science and Assessment Program (PacfiRISA)
- Pacific Disaster Center (PDC)



FEMA



PRiMO

Pacific RISA



SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY

UNIVERSITY OF HAWAII AT MĀNOA



NATIONAL DISASTER PREPAREDNESS TRAINING CENTER at the University of Hawaii

IOOS INTEGRATED OCEAN OBSERVING SYSTEM



Hawaii EEM Program



PaCIS



USAID



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UNIHI-SEAGRANT-GG-11-01