





Pacific Climate Information System

Building Integrated Partnerships for End-to-End Climate Services

Pacific Region Project and Activities Website

May 23, 2011

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Project Goals & Capabilities

- 2010 PaCIS Implementation Plan workshop
 - Need for website encompassing various climate-related projects in Pacific
- Website promotes access and fosters collaborations
- Browse by any combination of:

Capability

- Outreach, Education, Training and Capacity Building
- Observing Systems, Data Stewardship, Data Services
- Understanding and Predicting Climate Change & Variability
- Policies & Legislation; Assessment & Evaluation

Focus area

- Preserving Fresh Water Resources & Minimizing the Impacts of Drought
- Fostering Community Resilience to Sea Level Rise/Coastal Inundation, & Extreme Weather
- Sustaining Marine & Terrestrial Ecosystems

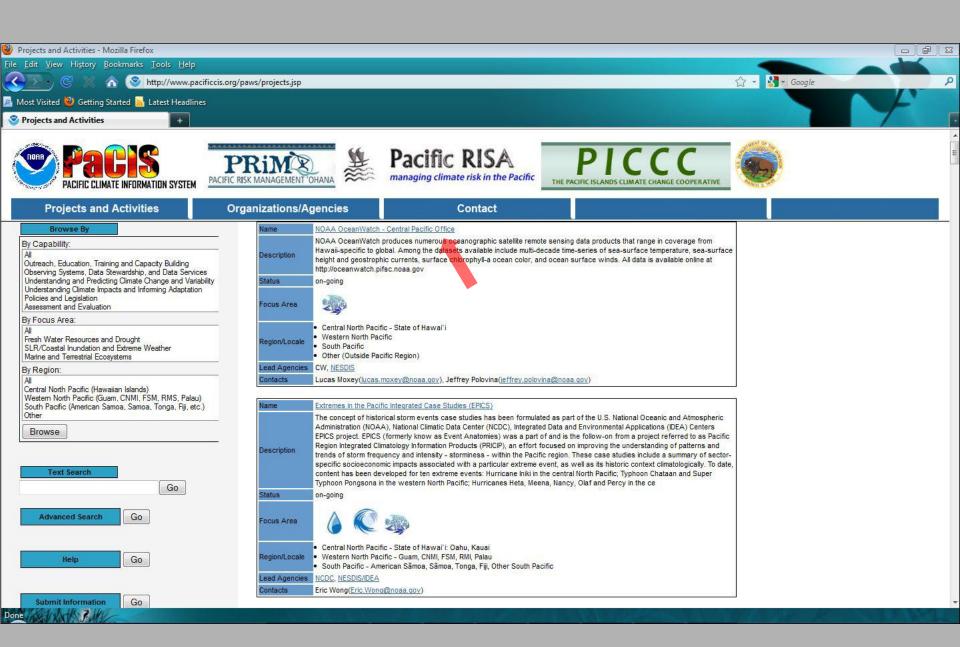
Region

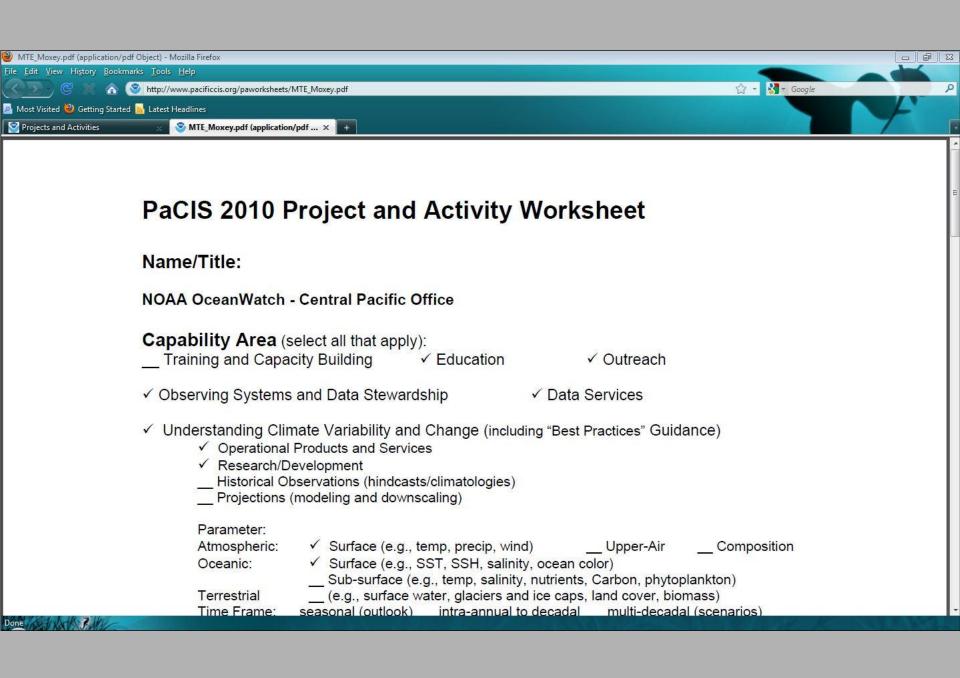
- Central North Pacific
- Western North Pacific
- South Pacific
- Other
- Text Search (simple words or phrases)
- Advanced search (by any combination of project attributes)
- Data input, editing (administrative interface)











PaCIS 2010 Project and Activity Worksheet

Name /T:41 ...

Name/Title:
NOAA OceanWatch - Central Pacific Office
Capability Area (select all that apply): _ Training and Capacity Building ✓ Education ✓ Outreach
✓ Observing Systems and Data Stewardship ✓ Data Services
✓ Understanding Climate Variability and Change (including "Best Practices" Guidance) ✓ Operational Products and Services ✓ Research/Development Historical Observations (hindcasts/climatologies) Projections (modeling and downscaling)
Parameter: Atmospheric: ✓ Surface (e.g., temp, precip, wind) Upper-Air Composition Oceanic: ✓ Surface (e.g., SST, SSH, salinity, ocean color) Sub-surface (e.g., temp, salinity, nutrients, Carbon, phytoplankton) Terrestrial (e.g., surface water, glaciers and ice caps, land cover, biomass) Time Frame: seasonal (outlook) intra-annual to decadal multi-decadal (scenarios)
Understanding Climate Impacts and Informing Adaptation (including "Decision Support Tools" Applications)
Climate Impacts Historical Observations Projections
Climate Adaptation
Sector:Public Health and Safety; Fresh Water Resources; Energy, Transportation/Communication, and Commerce; Community Planning and Development; Social and Cultural Resources; Agriculture and Fisheries; Recreation and Tourism; Ecosystems;Other
Policies and Legislation Assessment and Evaluation
Focus Area (select all that apply): Fresh Water Resources and Drought Coastal Inundation/SLR, Extreme Weather, and Community Resilience ✓ Marine and Terrestrial Ecosystems
Region/Locale: ✓ Central North Pacific: ✓ State of Hawaiʿi: Island of Hawaiʿi, Kauaʿi, Maui, OʻahuOther ✓ Western North Pacific: GuamCNMIFSMRMIPalauOther ✓ South Pacific: American SamoaSamoaTongaFijiAustralia New ZealandFrench Polynesia Other ✓ Other
Status: ✓ on-going,plannedproposed

PaCIS 2010 Project and Activity Worksheet

Description (including tasks):

NOAA OceanWatch produces numerous oceanographic satellite remote sensing data products that range in coverage from Hawaii-specific to global. Among the datasets available include multi-decade time-series of sea-surface temperature, sea-surface height and geostrophic currents, surface chlorophyll-a ocean color, and ocean surface winds. All data is available online at http://oceanwatch.pifsc.noaa.gov.

Objectives/Outcomes (including deliverables):

Production and distribution of historical and near-real time oceanographic satellite remote sensing datasets; providing data support to various national/international operational & research projects.

Lead Agencies:

NOAA, NESDIS, CoastWatch

Contact (names, emails)

Lucas Moxey (<u>lucas.moxey@noaa.gov</u>)
Jeffrey Polovina (<u>jeffrey.polovina@noaa.gov</u>)

Partnering agencies, institutions, and organizations

(and their roles and responsibilities):

N/A

Required Resources (financial, technical, etc.):

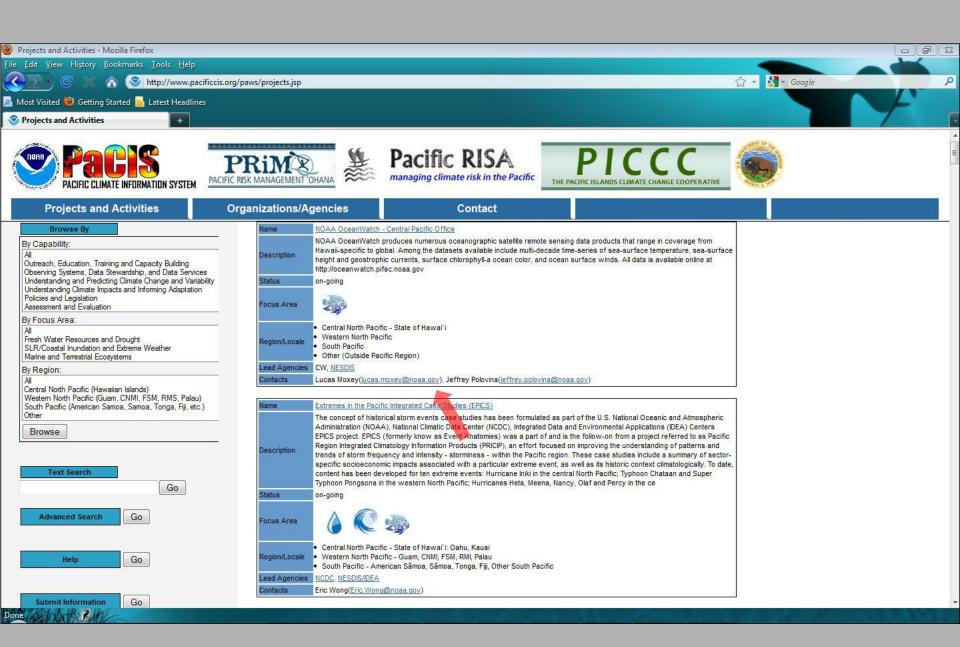
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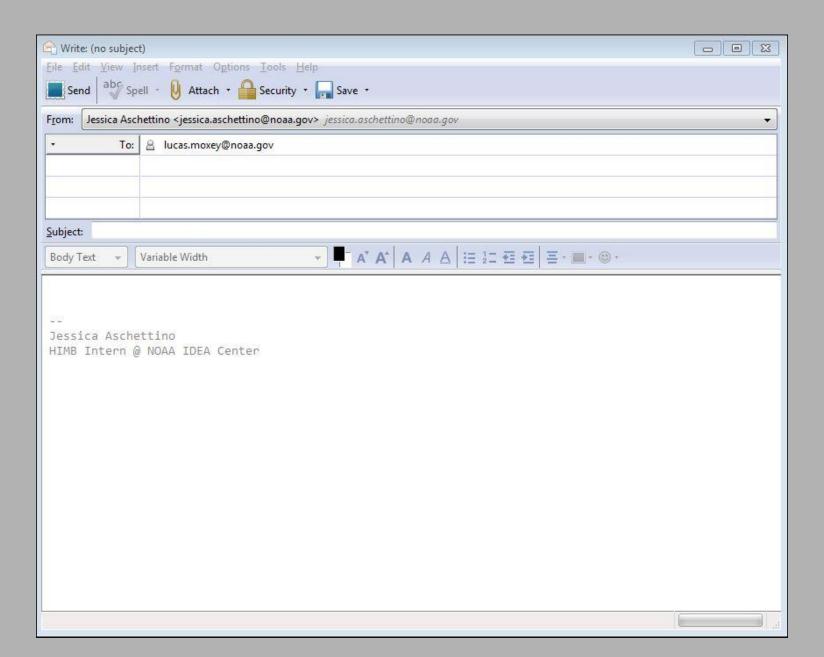
Projected Timelines:

Ongoing

Feedback Mechanisms and Evaluation Measures:

Note: Projects are more focused efforts of limited duration typically resulting in a specific product as an outcome. Activities are more general efforts that tend to be on-going and programmatic, with outcomes of a broader nature.

















During the Pacific Climate Information System's (PaCIS) Implementation Plan Workshop, held at the East-West Center from August 31 – September 2, 2010, participants expressed the need for an online regional website that would make available information on the various climate-related projects and activities that were taking place in the Pacific. In an effort to promote accessibility and foster collaborations, the regional projects and activities website was created. This website currently provides information collected from many organizations and will continue to serve as an in-progress site, where users can upload their own relevant projects and work, as well as search other projects and activities.

The website is designed so that the user can browse by a variety of topics, including **capability**, **focus area**, and **region**. Each of these are topics are further broken down:

By Capability

- Outreach, Education, Training and Capacity Building
 - Observing Systems, Data Stewardship, and Data Services
- Understanding and Predicting Climate Change and Variability
- Policies and Legislation
- Assessment and Evaluation

By Focus Area

o Preserving Fresh Water Resources and Minimizing the Impacts of Drought



 Fostering Community Resilience to Sea Level Rise/Coastal Inundation, and Extreme Weather



Sustaining Marine and Terrestrial Ecosystems



By Region

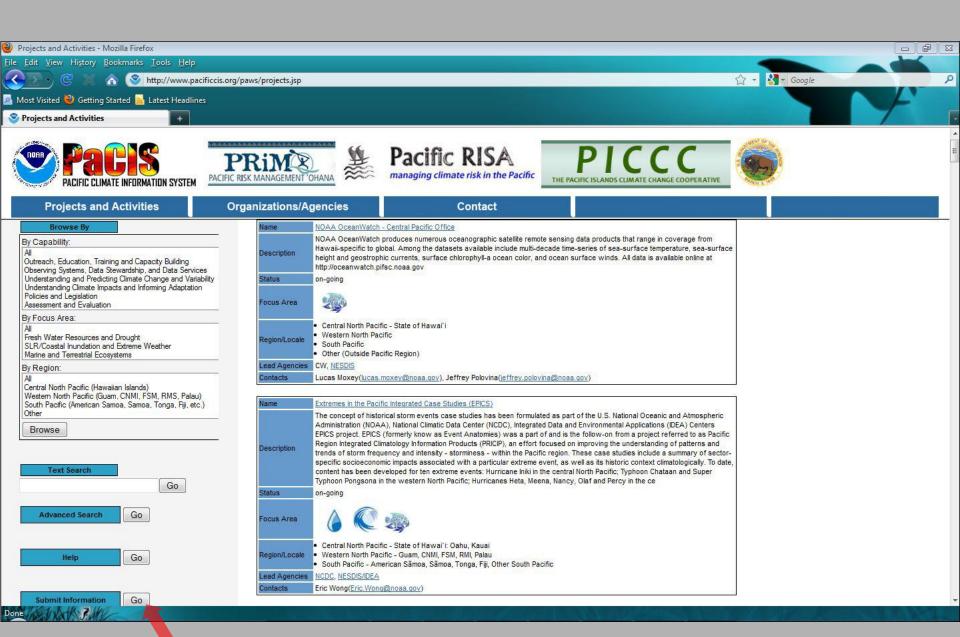
- Central North Pacific (Hawaiian Islands)
- Western North Pacific (Guam, CNMI, FSM, RMS, Palau)
- South Pacific (American Samoa, Samoa, Tonga, Fiji, etc.)
- o Other

Additionally, the website allows for text searches should the user be looking for a specific word or phrase. Single or multiple browse options may be used.

In addition to the project and activity overview that is provided on the main site, further information may also be obtained by clicking inside the project and activity box under various headers. If the name of the project is underlined in blue, clicking on it will provide access to the fully submitted project and activity worksheet. Clicking on the lead agency acronyms that are underlined in blue will bring you to the home page of the associated agency, and clicking on a contact email addresses underlined in blue will start an e-mail message to the intended recipient.

To submit a new project, click "Submit Information." ...

For further questions or inquires, contact John Marra, NOAA Regional Climate Services Director for the Pacific Region (john.marra@noaa.gov).



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Conclusions

- Working prototype website created for projects and activities in the Pacific region that will promote accessibility and foster collaborations
 - Completed site will include fully functional entities, such as agencies, contacts, etc.
- Site currently includes > 50 projects from the Pacific region
- Coordinate application development with ongoing PaCIS Implementation Plan