# **COASTAL DATA EXCHANGE**

# COASTAL GEOLOGY MAPS AND DATA



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## **3 types of data available**

- In-house generated products
  - Grants and contracts deliverables
- Re-served Data and Information

   requested, common, relevant
- Links to data
  - Large data
    - imagery and elevation data
  - Hawaii coastal zone data outside of coastal geology

## **Planners use my data for**

- County Plans
- General Plans
- Conservation District Use Permits
   Setbacks
- Shoreline Certification
- Shoreline Permits
- Building Permits
- Special Area Management Permits
- Flood Zones
- Discussion

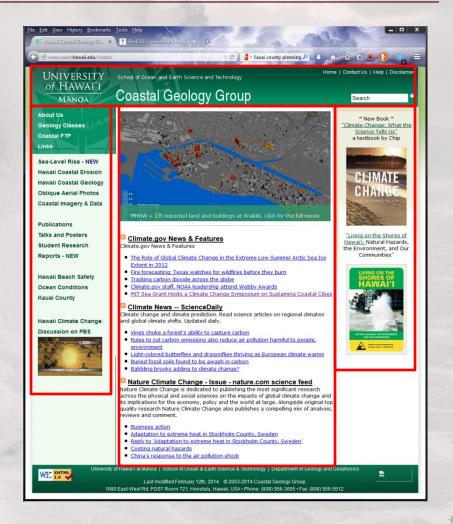
### Planners could also use my data for

**County Plans** General Plans Conservation District Use Permits Setbacks Shoreline Certification Shoreline Permits **M** Building Permits Special Area Management Permits **Flood Zones Discussion** 

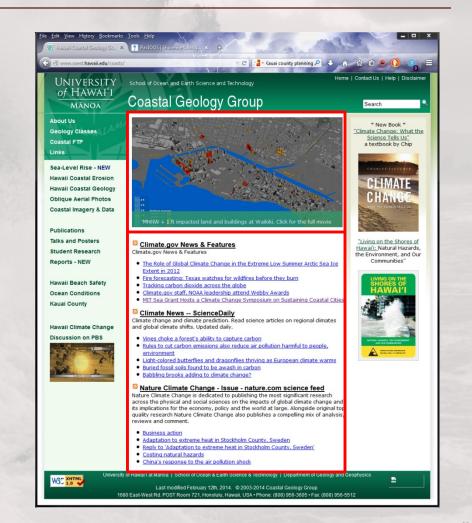
#### Main page

#### **Four sections**

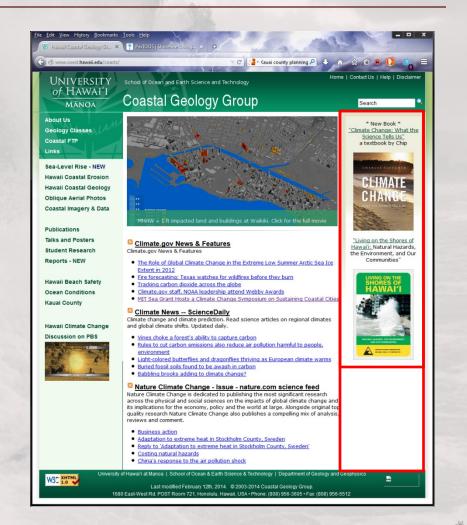
- Website navigation
- Current news and slideshow
- Showcase
- Header links and search\*



#### Main page Current news and slideshow O RSS feeds O slideshows



Main page Showcase • Recent publications



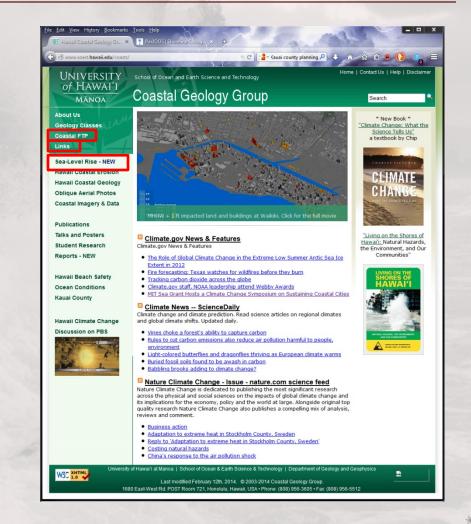
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#### Main page

#### Website Navigation

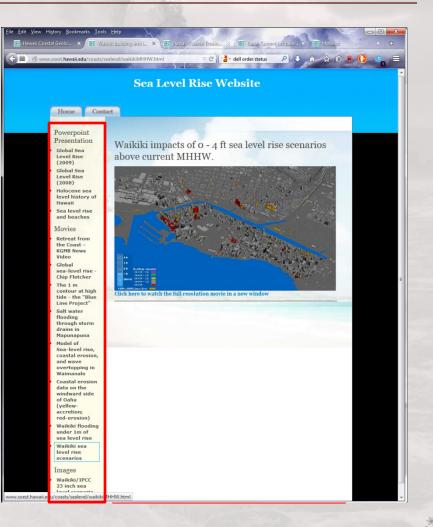
O Coastal FTP **O** Links



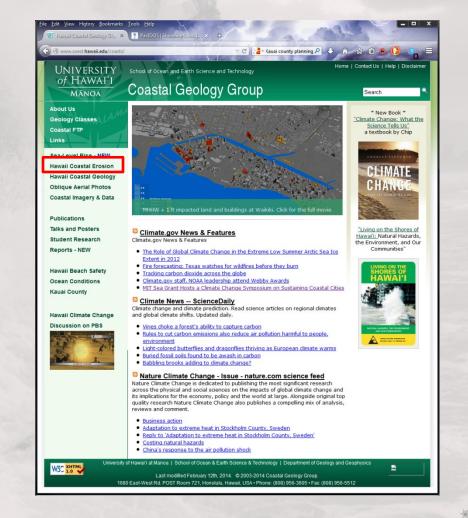


#### Sea level rise Hawaii

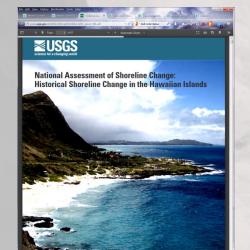
- Links
- Synopsis of sea level rise science
- Regional Products
- Presentations and visualizations Movies and Images

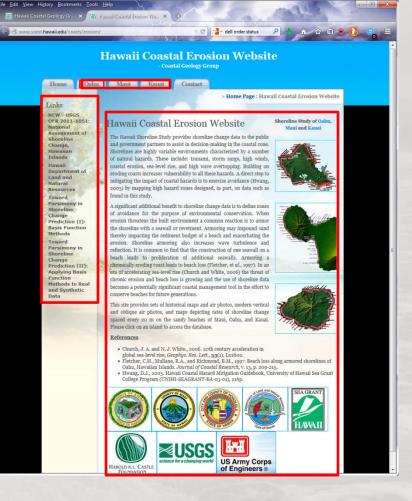


#### Main page Website Navigation • Hawaii Coastal Erosion



- Hawaii Coastal Erosion
  - Synopsis of Shoreline Change in Hawaii
  - Links to Literature and Publications
  - Island Data Products

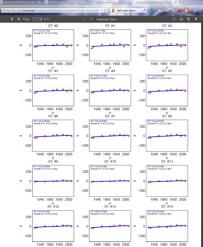


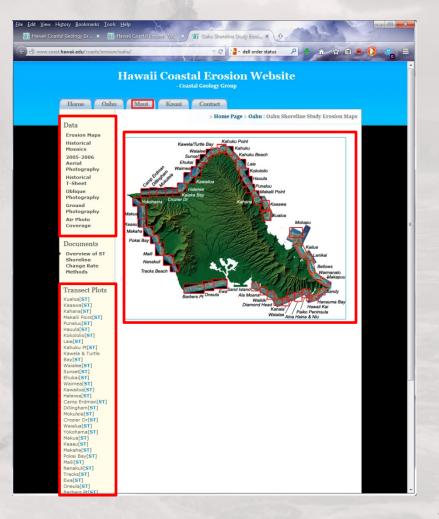


#### Hawaii Coastal Erosion Oahu • Links to relevant data

Island data products

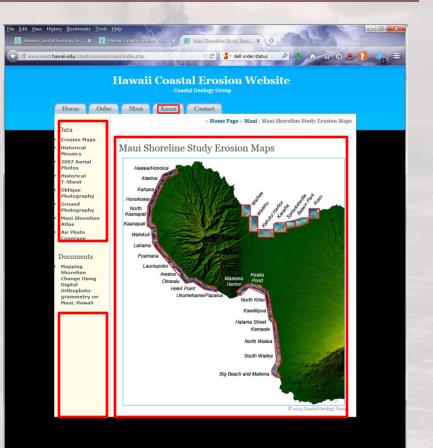






#### Hawaii Coastal Erosion Maui

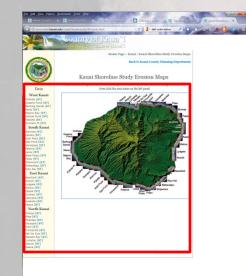
- Links to relevant data
- Island data products

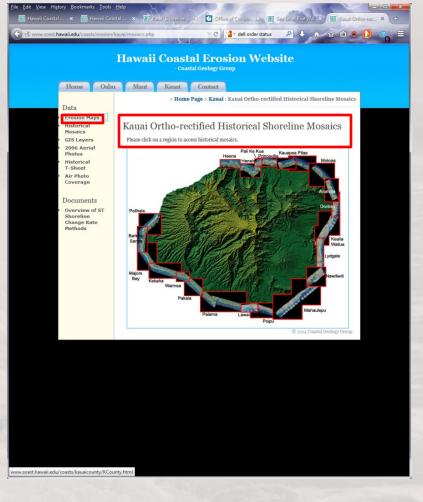


#### Hawaii Coastal Erosion Kauai

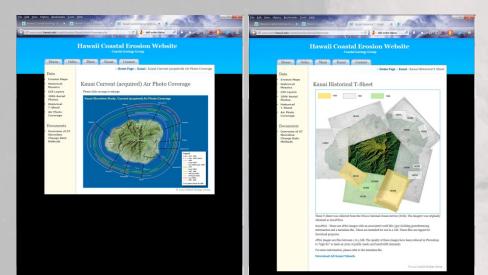
 Linked to county mockup page

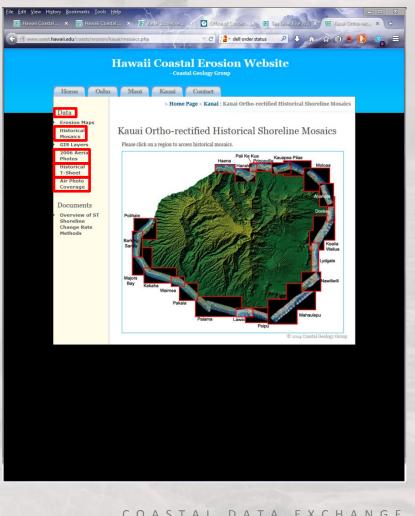
Island data products





#### **Hawaii Coastal Erosion** Data Relevant study data

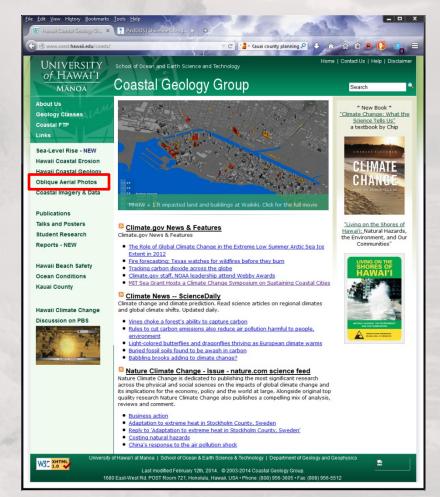




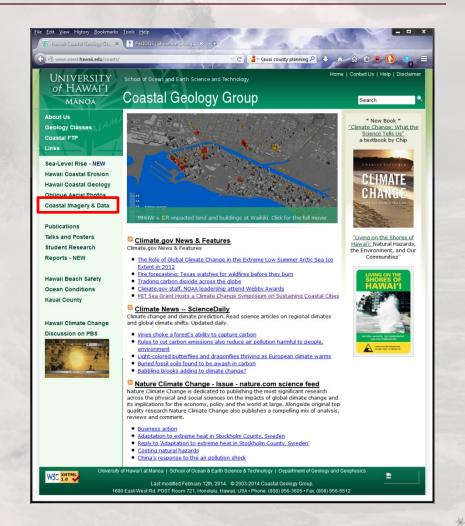
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#### Main page Website Navigation • Oblique Aerial Photos





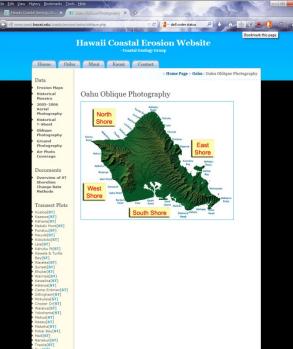
#### Main page Website Navigation • Coastal Imagery & Data

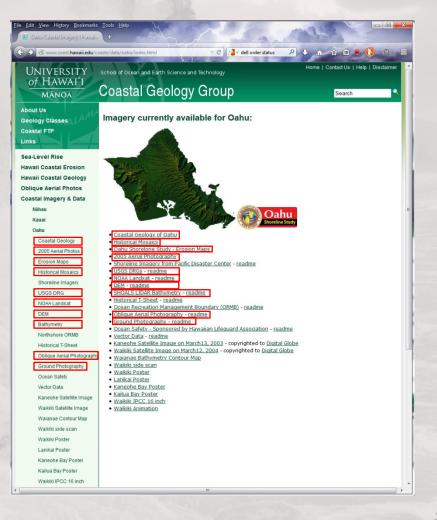


#### Coastal Imagery and Data Website Navigation • Oahu

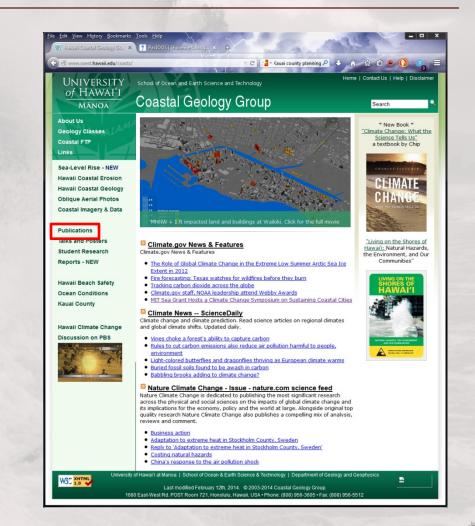


#### Coastal Imagery and Data Data organized by island O Oahu





#### Main page Website Navigation • Publications



#### **Publications**

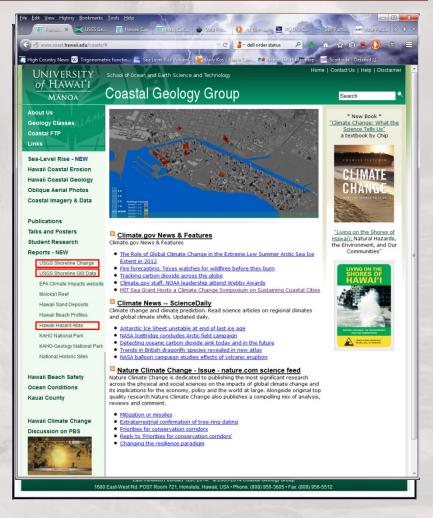
#### Source of literature for shoreline change in the Hawaiian Islands





#### Main page Website Navigation • Reports



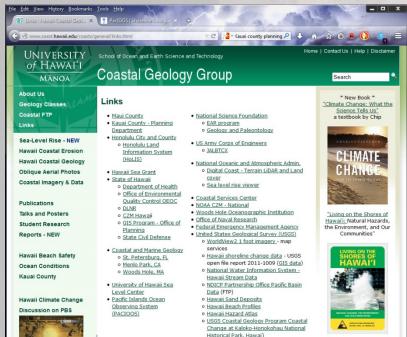


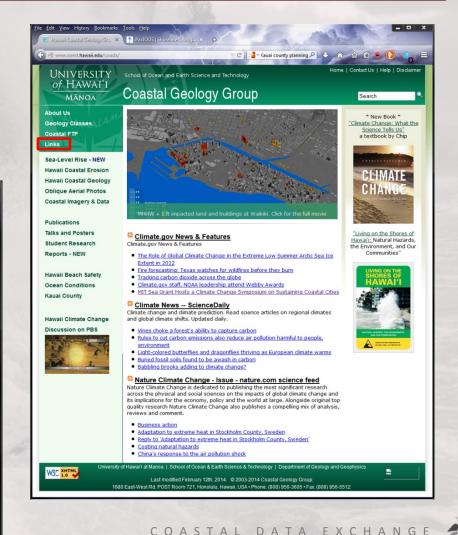
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#### Main page

#### Website Navigation

#### Links





1680 East-West Rd. POST Room 721, Honolulu, Hawaii, USA • Phone: (808) 956-3605 • Fax: (808) 956-5512

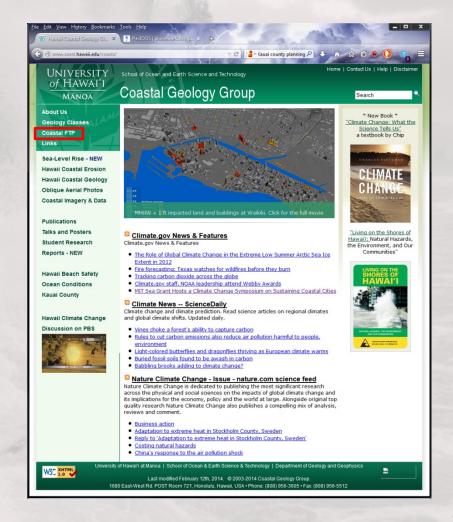
#### Links to

- Federal, State and County Agencies
- Available, relevant datasets
- Data services

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UNIVERSITY of HAWAI'I MĀNOA	school of Ocean and Earth Science a Coastal Geology		Search
About Us Geology Classes Coastal FTP Links	Links • <u>Maui County</u> • <u>Kauai County - Planning</u> <u>Department</u>	National Science Foundation         • EAR program         • Geology and Paleontology	" New Book " <u>"Climate Change: What th</u> <u>Science Tells Us"</u> a textbook by Chip
Sea-Level Rise - NEW Hawaii Coastal Erosion Hawaii Coastal Geology	Honolulu City and County     O Honolulu Land     Information System     (HoLIS)	<u>US Army Corps of Engineers</u> <u>JALBTCX</u> National Oceanic and Atmospheric Admin.     Digital Coast - Terrain LiDAR and Land	CLIMATE CHANGE
Oblique Aerial Photos Coastal Imagery & Data	Hawaii Sea Grant     State of Hawaii     Oppartment of Health     Office of Environmental		CHIATOR
Publications Talks and Posters	Quality Control QEQC • <u>DLNR</u> • <u>CZM Hawaj</u> i	NOAA CZM - National     Woods Hole Oceanographic Institution     Office of Naval Research	"Living on the Shores of Hawai'i: Natural Hazards.
Student Research Reports - NEW	<ul> <li><u>GIS Program - Office of</u> <u>Planning</u></li> <li><u>State Civil Defense</u></li> </ul>	Eederal Emergency Management Agency     United States Geological Survey (USGS)     o WorldView2 1 foot imagery - map	the Environment, and Our Communities"
Hawaii Beach Safety Ocean Conditions	<ul> <li><u>Coastal and Marine Geology</u></li> <li><u>St. Petersburg, FL</u></li> <li><u>Menlo Park, CA</u></li> </ul>	services • <u>Hawaii shoreline change data</u> - USGS open file report 2011-1009 ( <u>GIS data</u> )	LIVING ON THE SHORES OF HAWAI'I
Kauai County	<u>Woods Hole, MA</u> <u>University of Hawaii Sea</u> Level Center	<ul> <li>National Water Information System - Hawaii Stream Data</li> <li>NDICP Partnership Office Pacific Basin Data (FTP)</li> </ul>	
Hawaii Climate Change Discussion on PBS	Pacific Islands Ocean Observing System (PACIOOS)	<ul> <li>Hawaii Sand Denosits</li> <li>Hawaii Beach Profiles</li> <li>Hawaii Hazard Atlas</li> <li>USSS Coastal Geology Program Coastal Chance at Kaloko-Honokohau National Historical Park, Hawaii</li> </ul>	Characterization
University o	of Hawai'i at Manoa   School of Ocean & E	arth Science & Technology   Department of Geology an	d Geophysics

#### Main page Website Navigation • Coastal FTP

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## **Coastal Geology Website** ftp://soest.hawaii.edu/coastal/webftp/

#### **Contains all website data**

- Can be downloaded through a browser
- No proprietary data is served without permission
- Permissions are managed

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