

Merrill, Hannah

From: pearl hewett [REDACTED]
Sent: Thursday, October 06, 2011 9:58 AM
To: zSMP; Jay Petersen; Jo Anne Estes; Sandy Collins
Cc: Sue Forde; Lois Perry; Marv Chastain
Subject: REMOTE VIEWING AND SPACIAL DATA
Attachments: IT CAME FROM OUTER SPACE.docx

TO WHOM IT MAY CONCERN

I submit this as my comment and question for the SMP Update

IT CAME FROM OUTER SPACE?

CLALLAM COUNTY SHORELINE INVENTORY AND CHARACTERISTIC REPORT

REMOTE VIEWING AND SPACIAL DATA

I did not find a State- of- the art- GSI and remote sensing facility for WA State?

The California Department of Fish and Game Marine Region (MR) GIS Lab is a state-of-the-art GIS and Remote Sensing facility which specializes in coastal and marine applications.

Checked Layers (0 of 359 Layers)

Three hundred fifty-nine layers of remote spacial data on the map of California.

One layer is SPECIFICALLY DEDICATED TO Butterflies.

The staffs' expertise includes processing spatial data from a wide variety of Remote Sensing platforms, raster-based spatial analysis, data management, and map production.

See education below "Keep me Wild Campaign" and "Project Wild"

Please open and read the attachment if you are interested.

Pearl Rains Hewett Trustee

George C. Rains Sr. Estate

Member SMP Advisory Committee

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See education below **"Keep me Wild Campaign"** and **"Project Wild"**

Education and Outreach

- [Classroom Aquarium Education Project \(CAEP\)](#)
(AKA Salmonids/Trout/Steelhead in the Classroom, Salmon and Trout Education Program)
Hands-on project involves hatching fish in a classroom aquarium
- [Duck Stamp Art Contest](#)
- [Fishing in the City](#)
Regional events offer urban/suburban introduction to fishing and opportunity for watershed education
- [Fishing Passport](#)
- ["Keep Me Wild" Campaign](#)
Learn what you can do to keep California's wildlife wild
- [National Archery in the Schools Program \(NASP\)](#)
Teach archery to your students in grades 4-12
- [Project WILD](#)
Support and resource hub for trainers in acclaimed Project WILD curriculum tools
- [Volunteer](#)
Opportunities for Californians to help protect wildlife resources
- [Youth in the Outdoors](#)
Outdoor activities for young children and teens

Project priorities for the Lab are determined by the Marine Region's focus on the California Marine Life Management Act and the California Marine Life Protection Act.

The GIS Lab actively acquires and distributes spatial data related to:

- The State's coastline
- Bathymetry
- Fisheries
- Marine government regulatory units
- Natural resources
- Seafloor characteristics
- Marine habitat models

What Is GIS?

The question "What is GIS?" is often posed to GIS Professionals, and **we usually have a hard time answering it in a satisfactory way.**

We often end up saying "It's computerized mapping", or "**It's a combination of computerized mapping and databases**", or something along those lines. To do it justice, you need to go a bit deeper. Here's one definition:

GIS provides a way to collect, manage, analyze, and display data with a spatial/geographic dimension. It allows us to view, understand, interpret and question data in ways that are just not available when looking at data in a table, and this can often reveal otherwise unnoticed relationships, patterns and trends. This is critical in Natural Resource Management and many other fields, as the "where" element is often a very significant component.

Here are a few pages with additional definitions of GIS:

- [GIS Lounge](#)
- [ESRI's gis.com](#)
- [A list of definitions from Google](#)

And here's an additional page with some interesting links, including an historic timeline of mapping and GIS:

- [GIS Resources](#)

CERES Solutions



[INFORMATION CLEARINGHOUSE](#) »

CEIC is an online directory of information resources from California cities, counties, utilities, state and federal agencies, private businesses and academic institutions.



[GEOSPATIAL DATA LIBRARY](#) »

The Cal-Atlas site facilitates the coordinated and sustainable development, maintenance, licensing and sharing of geospatial data and web map services by California government agencies, partners and stakeholders.



[DIGITAL ATLAS](#) »

The California Environmental Digital Atlas offers an array of environmental data to aid in regional conservation planning and analysis.



[GEOFINDER](#) »

GeoFinder is a spatially enabled search tool that makes it easy to find data by geographic location.



[ENVIRONMENTAL EDUCATION](#) »

CERES' on-line environmental education web outlines such diverse curricula areas as Natural and Social Sciences, English and Language Arts, Visual and Performing Arts, and Mathematics for students and teachers. Primary and secondary sources that focus on California environmental education present data, links to other webs, research, lessons plans, and virtual trips.

[LUPIN](#) »

CERES' Land Use Planning Information Network (LUPIN) provides an aggregate view of California's land use and environmental planning information including county general plans, environmental assessment documents, and relate information. LUPIN seeks to facilitate better informed decisions about land use, resource conservation, and ecosystem management, and enables Californians to identify and assess the cumulative environmental impact of planning decisions.



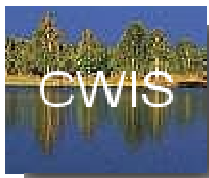
The logo for CEQA (California Environmental Quality Act) features the letters 'CEQA' in a bold, red, serif font. The letters are positioned above a horizontal line that extends to the left and then turns downwards at the end.

[CEQA Web](#) »

CEQA Statutes & Guidelines searchable interface.



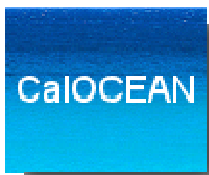
[California Watershed Portal](#) »



[California Wetlands Information System](#) »

CERES' Wetlands Information System is designed to provide comprehensive wetlands information to the general public, the educational community, and government agencies. It is a compilation of public and private sector information, including maps, environmental documents, agency roles in wetlands management, restoration and mitigation activities, regulatory permitting, and wetland policies.

[Cal OCEAN](#) »



The California Ocean and Coastal Environmental Access Network (Cal OCEAN) is a web-based virtual library for the discovery of and access to ocean and coastal data and information from a wide variety of sources and in a range of types and formats. The goal of Cal OCEAN is to provide the information and tools to support ocean and coastal resource management, planning, research and education via the Internet.