



Catalina Marine Society

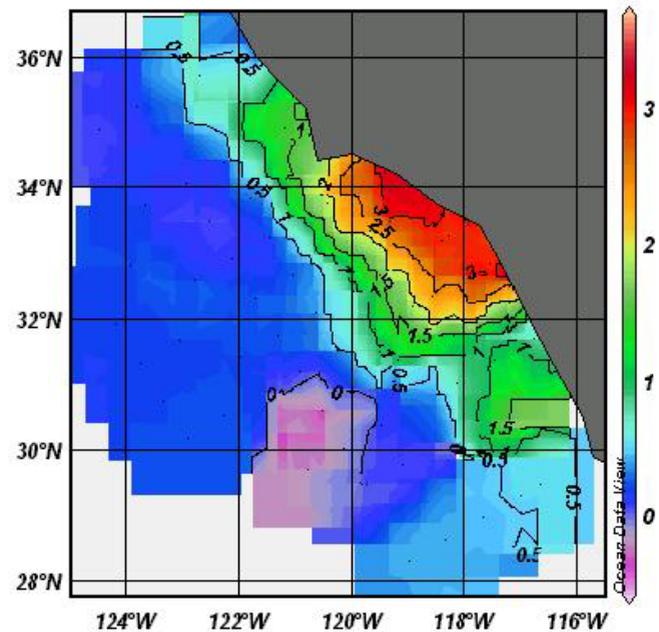
The Catalina Marine Society is an organization assembled to study and understand the marine environment of Santa Catalina Island and the entire Southern California Bight in which she lies. The goals of the Society are to promote, facilitate and distribute studies and insights into the physical and biological dynamics of the ocean around Catalina. These endeavors are to be accomplished through the marshalling of resources contributed by volunteer researchers and supporting members. It is a federally recognized 501(c)(3) organization and contributions are fully deductible.

Photo courtesy of Ann Close

CMS Research

Volunteers for the Catalina Marine Society contribute to our understanding of the ocean off Los Angeles and surrounding Catalina. They present their results at universities, aquariums and professional societies and publish them in peer-reviewed journals.

The CMS first researched the warming of the Southern California Bight in an effort to explain temperature trends found at Catalina. The figure to the right shows the vertical temperature change in days/meter in the waters off Southern California. Heat diffuses more slowly in the inner Bight and more rapidly in the far offshore ocean. As a result, the ocean heats fastest near Los Angeles during the summer.



You can be involved!

Scientists: The Catalina Marine Society depends on researchers for its projects. Scientists define and plan the research, while the Society can provide instrumentation, field work, numerical analysis support and long term focus. This is a unique opportunity for scientists to partner with dedicated volunteers to make research happen.

Divers: The CMS utilizes *in situ* instrumentation deployed by certified scientific divers, increasing the opportunities for volunteers to contribute their skills and expertise.

Boaters: CMS research occurs across the Southern California Bight. Many of these locations can only be reached by boat and we need volunteers to transport field workers and equipment.

Supporters: If field work isn't your cup of tea, you may support the CMS at home. We need help with data analysis, programming, data entry, and documentation. The Society also needs help with fundraising, publicity, newsletter, photography, and event planning.

www.catalinamarinesociety.org



CMS Activities

The mission of the Catalina Marine Society is to organize and employ volunteer resources to advance the scientific understanding of the marine environment of Santa Catalina Island and the Southern California Bight.

The Society's activities may include but are not limited to: organizing and conducting scientific meetings and workshops; sponsoring experiments and data collections; providing analytical support to researchers, sponsoring presentations to professional societies; and, organizing and publishing marine studies.



Future CMS Research

The CMS is planning new projects, some of which include:

- Studying the effects of Santa Ana winds on nutrient mixing;
- Long-term monitoring of ocean and biological properties at Santa Catalina Island;
- Deployment of a thermograph array off greater Los Angeles; and,
- Determining the correlation between satellite-measured chlorophyll, CalCOFI-measured nutrients, and temperature data.



CMS Board of Directors



President

David Tsao is a California Licensed Architect and Contractor. He is president and CEO of the Greenridge Group, Inc.



Vice President / CFO

Craig Gelpi is a research and development manager for a major defense company. He has degrees in math and physics.



Secretary

Karen Norris is a research and development engineer at a large aerospace company. She has degrees from UCLA in math and atmospheric science.



Lauren Czarnecki has degrees in marine biology from Salve Regina University and Northeastern University. She is the Director of Laboratory Sciences at USC Wrigley Institute of Environmental Studies.



Mike Doran is an attorney specializing in matters under the jurisdiction of the federal Longshore & Harbor Workers Compensation Act.



Jonathan Davies has a degree in journalism from CSU Dominguez Hills. He is a technical diver.



Jim Updike is the President and CEO of Honda Federal Credit Union. He is a scientific diver at USC WIES.



Catalina Marine Society
information@catalinamarinesociety.org
www.catalinamarinesociety.org