



SOUTHERN CALIFORNIA COASTAL OCEAN OBSERVING SYSTEM

Opportunities in the Region

U.S. IOOS Advisory Committee Soliciting Applications

- NOAA IOOS is soliciting applications for **10 new members of the IOOS Advisory Committee** for vacancies that will occur on September 14, 2024.
- Members of the Committee will advise on asset integration, data management, technology modernization, identify end-users, etc.
- Members serve for a three-year term and may subsequently be appointed for an additional three-year term.
- Nominations should be submitted no later than January 2, 2024.
- Submit an application for Committee membership, including a cover letter, resume, and requested items in the federal register notice, to Laura Gewain via email Laura.Gewain@noaa.gov.
- Please refer to the [federal register notice](#). Information on [current board members](#) can be found here.

Funding Opportunities

- [COMT FY2024 NOFO](#)
 - Applications due Feb 26, 2024
 - Expect to award 5 projects for \$100k-\$300k
- [2025 John A. Knauss Marine Policy Fellowship Program](#)
 - Applications due February 15, 2024
- [Dr. Nancy Foster Scholarship Program](#)
 - Applications due December 20, 2023.

Job Announcements

- **California Sea Grant** is seeking an [Economist Analyst / Offshore Wind Extension Specialist](#)
 - First consideration will be given to applications submitted by Friday, November 17, 2023 at 4 pm
- **SEATREC** is hiring a [Software Engineer](#)
 - To apply, please submit your resume and cover letter to jobs@seatrec.com
- **Marine Technology Society** is seeking a [Program Coordinator](#) for their Ocean Enterprise Initiative
- **Career Workshop: USAJobs Application process in Spanish**
 - Learn from a suite of experts how to navigate the USAjobs application process! Regardless of where you are in your academic or professional career, there is always more to learn to successfully navigate applying for NOAA opportunities. This will be an

interactive workshop where we will walk through different scenarios so we encourage you to ask questions throughout the workshop. This workshop will be spoken in SPANISH ONLY.

- Points of Contact: Ian Colón Pagán, ian.colon-pagan@noaa.gov; ERG service account, info.latinos@noaa.gov.

On The Horizon

- **November 2:** Sea Grant-NCCOS CA Aquaculture Siting and Development Workshop, San Diego, CA
- **November 5-11:** [International Conference on Harmful Algae](#), Hiroshima, Japan - C. Anderson presenting
- **November 6-10:** [10th California Islands Symposium](#), Ventura, CA
- **November 12-16:** [CERF](#) Biennial Conference, Portland, OR
- **November 13:** Tour for [Hōkūleʻa](#) sailors
- **November 13-17:** [TMA BlueTech Week](#), San Diego, CA
- **November 14-17:** International Ocean Colour Science [Meeting](#), St. Petersburg, FL
- **November 15:** San Diego Area Committee [Meeting](#) - M. Medina presenting
- **November 28:** BEACON Manager-Scientist [Summit](#)
- **November 29-Dec 1:** IOOS Fall Meeting, La Jolla, CA - SCCOOS Hosting
- **December 4:** Port of LA/LB Harbor Safety Committee [Meeting](#), Los Angeles, CA
- **December 4-5:** IOOS Advisory Committee Meeting
- **December 7:** [SANDAG](#) Shoreline Preservation Working Group, San Diego, CA
- **December 11-15:** [AGU23 Fall Meeting](#), San Francisco, CA
- **December 13:** Port of Los Angeles/Long Beach [Area Planning Mtg](#)
- **December 19:** West Watch [Webinar](#) - C. Anderson Presenting
- **January 22-26:** [POGO25](#), CICESE, Ensenada, MX
- **January 28-Feb 1:** [104th American Meteorological Society](#), Baltimore, MD
- **February 7-8:** RRT9 & State Area Committee Planning Meeting
- **February 18-24:** [Ocean Sciences Meeting 2024](#), New Orleans, LA
- **February 20:** NOAA West Watch [Webinar](#)
- **March 3-9:** [World Fisheries Congress](#), Seattle, WA
- **April 10-12:** 2024 Ocean Decade [Conference](#), Barcelona, Spain
- **Apr 15-20:** 2024 Mariner's Weather Hazards [Workshop](#), College Park, MD
- **May 14-16:** Celebrating Ocean Observing in California with SCCOOS, CeNCOOS, and CalCOFI, San Diego, CA

Recent Publications

SCCOOS Principal Investigators are in **bold**.

- **Anderson, C.R.**, Smith, J., Kudela R., Norris, T., Deming A., Dover, R., Berman-Kowalewski M., & Lefebvre, K. Rapid response to a massive marine mammal stranding event associated with domoic acid poisoning in central and southern California. *Harmful Algae News*. No. 73. <http://www.e-pages.dk/ku/1556/>
- Brasseale, E., Feddersen, F., Wu, X., Zimmer-Faust, A. G., & Giddings, S. N. (2023). Performance of a One-Dimensional Model of Wave-Driven Nearshore Alongshore Tracer Transport and Decay with Applications for Dry Weather Coastal Pollution. *Environmental Science & Technology*. <https://doi.org/10.1021/acs.est.2c08656> - Thanks SCCOOS support in the Acknowledgements

- Hauksson, N. E., Xu, X., Pedron, S., Martinez, H. A., Lewis, C. B., Glynn, D. S., ... & Druffel, E. R. (2023). Time Series Of Surface Water Dissolved Inorganic Carbon Isotopes From The Southern California Bight. *Radiocarbon*, 1-16. <https://doi.org/10.1017/RDC.2023.73> - References SCCOOS SASS Newport Beach Pier salinity data
- Hui Shi, Mercedes Pozo Buil, Steven J. Bograd, **Marisol Garcia-Reyes** Michael Jacox, Bryan A. Black, **William Sydeman**, & Ryan Rykaczewski. Future change of summer hypoxia in coastal California Current. *Frontiers in Marine Science Sec. Global Change and the Future Ocean*. Volume 10-2023. doi: [10.3389/fmars.2023.1205536](https://doi.org/10.3389/fmars.2023.1205536)
- Li, H., Zheng, S., Tan, Q. G., Zhan, L., **Martz, T. R.**, & Ma, J. (2023). Toward Citizen Science-Based Ocean Acidification Observations Using Smartphone Devices. *Analytical Chemistry*. <https://doi.org/10.1021/acs.analchem.3c03720>
- Lockwood, R., Bachmann, C. M., Chrisp, M., Smeaton, C., Pahlaven, N., Hochberg, E., **Bell, T.** & Thome, K. (2023, October). Aquatic ecosystems science using an imaging spectrometer. In *Imaging Spectrometry XXVI: Applications, Sensors, and Processing* (Vol. 12688, pp. 79-99). SPIE. <https://doi.org/10.1117/12.2676124>
- Payandeh, A. R., **Washburn, L.**, Emery, B., & Ohlmann, J. C. (2023). The Occurrence, Variability, and Potential Drivers of Submesoscale Eddies in the Southern California Bight Based on a Decade of High-Frequency Radar Observations. *Journal of Geophysical Research: Oceans*, 128(10), e2023JC019914. <https://doi.org/10.1029/2023JC019914> - References SCCOOS HFR data
- Shi, H., Pozo Buil, M., Bograd, S. J., **Garcia-Reyes, M.**, Jacox, M., Black, B. A., **Sydeman, W.**, & Rykaczewski, R. Future change of summer hypoxia in coastal California Current. *Frontiers in Marine Science*, 10, 1205536. doi: [10.3389/fmars.2023.1205536](https://doi.org/10.3389/fmars.2023.1205536)
- Shipley, K., **Martz, T.**, Hales, B., Giddings, S. N., & Andersson, A. (2023). Physical and Biological Controls on the Annual CO2 Cycle in Agua Hedionda Lagoon, Carlsbad, CA. *Estuaries and Coasts*, 1-17. <https://doi.org/10.1007/s12237-023-01283-x> - References SCCOOS
- Strain, E. M., Swearer, S. E., Morris, R. L., & Nickols, K. J. (2023). Assessing the role of natural kelp forests in modifying seawater chemistry. <https://doi.org/10.21203/rs.3.rs-3403472/v1>
- Trapp, A., Hayashi, K., Fiechter, J., & Kudela, R. M. (2023). What happens in the shadows- Influence of seasonal and non-seasonal dynamics on domoic acid monitoring in the Monterey Bay upwelling shadow. *Harmful Algae*, 129, 102522. <https://doi.org/10.1016/j.hal.2023.102522> - References SCCOOS
- **Washburn, L.**, **Brzezinski, M. A.**, Gotschalk, C., Mylonakis, K., Garcia-Cervera, C., & Kui, L. (2023). Phytoplankton transport out of the euphotic zone by frontal subduction and gravitational sinking in the Santa Barbara Channel, CA, USA. *Marine Ecology Progress Series*, 719, 41-63. <https://doi.org/10.3354/meps1439>
- Welch, H., Savoca, M. S., Brodie, S., Jacox, M. G., Muhling, B. A., Clay, T. A., ... & Hazen, E. L. (2023). Impacts of marine heatwaves on top predator distributions are variable but predictable. *Nature Communications*, 14(1), 5188. <https://doi.org/10.1038/s41467-023-40849-y>
- Zobell, V.M. 2023. Moving Cargo, Keeping Whales: Investigating Solutions for Ocean Noise Pollution. UC San Diego Dissertations. <https://escholarship.org/uc/item/2508k0b1> - References SCCOOS HFR data

In the Media

- NOAA Fisheries: [Answering The Call: SeaWorld San Diego](#). September 6, 2023
- Coronado Eagle and Journal: [Funding Announced On New Pathogen Forecast Model For Cross-Border Pollution](#). September 18, 2023
- Marianas Valley: [Researchers study Western Pacific undercurrents using autonomous ocean gliders](#). September 20, 2023
- Scripps Institution of Oceanography: [What is El Nino](#). October 5, 2023

- San Diego Magazine: Clarissa Anderson nominated in the [STEM-Pioneer](#) category for "Celebrating Women" awards. October 20, 2023

Find regularly updated information about **Jobs, Student Opportunities, Funding, Events, and more on our [website](#), [Twitter](#), [Facebook](#), and [LinkedIn](#).**



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