

Org-Type

Non-Profit-based

Lead

The Farallones Marine Sanctuary Association (FMSA)

PoC

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URL

Service-Region

Bay Area

Type

Professional Development for Teachers | Lesson Plan | Resources

Subjects

General Science | Biology | Chemistry | Earth Science | Environmental Science

Level

Elementary School (K-5th grade) | Middle School (5-8th grade) | High School (9-12th grade) | Undergraduate | Graduate | Professional Development

Other-Objectives

Served-per-Year

Demographics

Content

Teachers, looking for new ways to make science come alive in your classroom? This year, our summer workshop will focus on the physical and biological oceanography of the Gulf of the Farallones - and our coastal ocean. This unique oceanographic area invites opportunities for learning about geology, weather and climate, chemistry, ecology, and the myriad of connections between humans and the ocean. Participants will broaden their knowledge of coastal upwelling, the Coriolis effect, plankton dynamics, and the effects of human activities on marine ecosystems. Featured guest scientists from the Romberg Tiburon Center will discuss current research. Lectures will be followed by classroom activities and hands-on demonstrations. Participants will take part in a research cruise aboard the R/V Fulmar and will receive a unit of activities and materials from the sanctuary's Coastal Ecosystem Curriculum. Please note that workshop presentations, activities, and content are geared for middle and high school biology and environmental science teachers, however all teachers and educators are welcome.

Outcomes

The program's mission is to bring in biology teachers and show them that there are many ways to make learning science fun. After completing the program the educators go back to their schools to demonstrate that science can be fun; hopefully this will inspire students to pursue a future in science.

Started

Funded-Through

Length

Ongoing

Cost

Primary-Funding

Primary-\$

Materials

Other-Funding

How-Assessed

Best-Practice-Why

Promising-Practice

Sponsor

Sponsor-Org

Sponsor-Phone

Sponsor-Email

Other-Orgs