Winter 2018



the shoreline



On the Precipice: Study Identifies California Cliffs at Risk of Collapse

A California Sea Grant-funded study provides the largest analysis of coastal cliff erosion and provides a new hazard index to identify high-risk areas.

View More



#KnowYourCoho

Learn how to identify coho salmon, steelhead, and Chinook to avoid harming an endangered species while fishing.

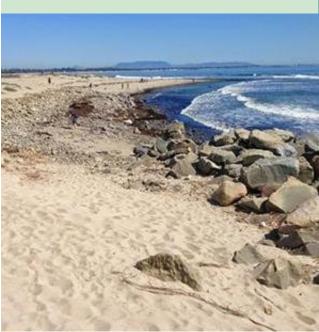
View More

Public supports ocean protection

People around the world strongly support ocean conservation measures, according to a new study by a team of international researchers including California Sea Grant Extension Specialist Jennifer O'Leary.

View More





Using nature to manage rising sea levels

Shoring up dunes, marshes, and other natural ecosystems could protect California communities from sea-level rise, while bringing multiple benefits for people and ecosystems.

View More



Deadline and Opportunities

John A. Knauss Marine Policy Fellowship
Application Deadline: February 23, 2018

NOAA Sea Grant Aquaculture Initiative

Application Deadline: March 02, 2018

CA Ocean Protection Council Prop 84 Competitive Grants Program

Application Deadline: March 15, 2018



Tracking water contamination to its source

New tools could allow beach managers to make better decisions about when to put up beach water quality advisories and help reduce the risk of illness.

View More

Two new grants for aquaculture research

NOAA Sea Grant awards \$9.3 million in grants for 32 projects to advance the development sustainable marine and coastal aquaculture.

View More



New study to highlight sustainable aquaculture

In collaboration with the Aquarium of the Pacific's Seafood for the Future program, USC Sea Grant, and other partners, California Sea Grant Extension Specialist Paul Olin will contribute science-based content to support aquaculture outreach and education.





California Sea Grant is now on *Flickr* and *LinkedIn*

more ways to connect











the shoreline



Seagrass solutions? California lawmakers consider using aquatic vegetation to fight ocean acidification

Seaweeds and seagrasses have potential to mitigate some effects of ocean acidification, according to a new report presented to the California state legislature.

View More



New extension specialist brings aquaculture expertise to Monterey

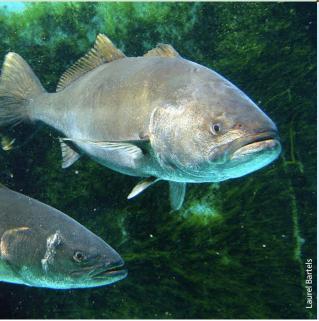
Luke Gardner has joined California Sea Grant as an Aquaculture Specialist with its extension program.

Study of mollusk epidemic could help save endangered sea snail

In a new study funded by California Sea Grant, researchers shed new light on withering syndrome in red, pink and pinto abalone.

View More





NOW AVAILABLE:

Ocean Resources Enhancement and Hatchery Program Evaluation Report

The report, coordinated by California Sea Grant, will help guide the California Department of Fish and Wildlife on deciding the future of the program.

View More



INTRODUCING THE CLASS OF 2018 FELLOWS

Four John A. Knauss Marine Policy Fellows head to D.C.

California Sea Grant selects 21 recipients for its prestigious **State Fellowship**

Nine early-career scientists named Delta Science Fellows



























Tasty and pink, sea urchin species may be a climate-tolerant food source

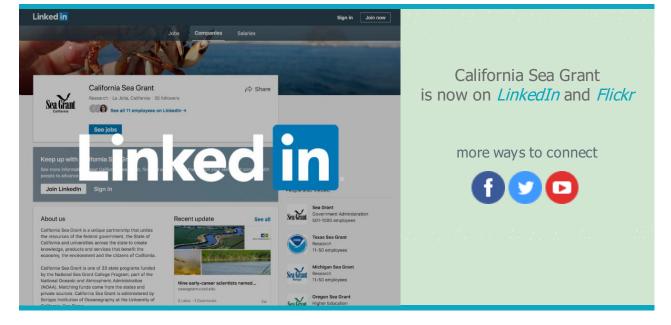
A hardy urchin species shows potential to relieve pressure on more vulnerable species, according to new research by California Sea Grant-funded scientists.

View More

Model weighs trade-offs for sustainable ocean development

A novel marine spatial planning strategy models trade-offs and opportunities for aquaculture development in California.









the shoreline



Now hiring:

Director of California Sea Grant

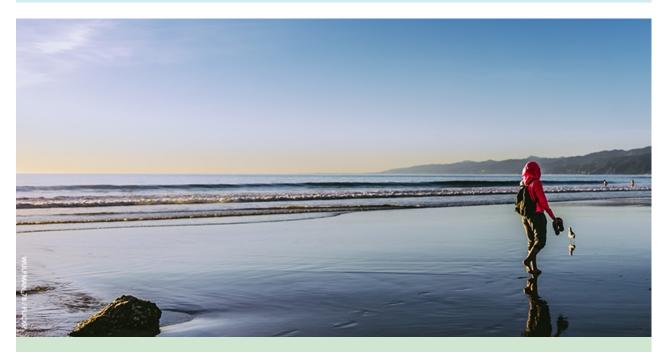
We are looking for a vibrant, accomplished, and collaborative leader to serve as the Director of California Sea Grant.



Postdoctoral opportunity:

San Francisco Bay and Outer Coast Sentinel Site Cooperative Coordinator

We seek a coordinator that will connect San Francisco Bay decision makers to critical NOAA and NOAA partner resources to improve their capacity to understand and address sea-level rise.



From condors to oysters, California Sea Grant funds new coastal research

California Sea Grant has selected 12 projects to receive 2018-2020 research funding, totaling \$2.87 million to support California coastal science

View More



To bring back abalone, researchers aim to outsmart octopus

Scientists must learn about the California two-spot octopus to restore the endangered white abalone.

View More

California Ocean Litter Strategy takes aim at multiple pollution sources

In partnership with the California Ocean Protection Council, NOAA Marine Debris Program, and a wide range of California stakeholders, California Sea Grant's Miho Ligare and Nina Venuti helped develop the new ocean litter prevention strategy.

View More



A little water could make a big difference for endangered salmon

Low streamflow in summer is one of the biggest bottlenecks to the recovery of endangered coho salmon, according to a new study led by California Sea Grant Extension Specialist Mariska Obedzinski.

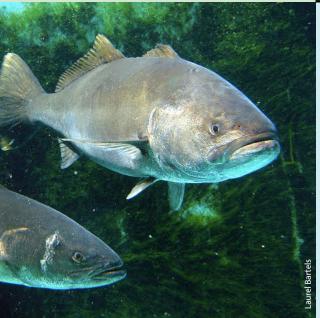


State-of-the-art ocean chemistry monitoring comes to Humboldt Bay

The "Burke-o-Lator" has been installed at Hog Island Oyster Company's new hatchery. It is the third such device to be set up in the state.

View More





NOW ACCEPTING PUBLIC COMMENT:

Ocean Resources Enhancement and Hatchery Program

The California Department of Fish and Wildlife is gathering input from interested stakeholders regarding the OREHP program until July 31, 2018.

Stories from fellows and extension specialists















the shoreline



Responsible aquaculture lures support in California

Aquaculture is still a rarity in California. A recent workshop at Moss Landing Marine Laboratories brought together experts working to change that.

View More

Morro Bay mystery: From eelgrass to mudflat?

From 2007 to 2017, Morro Bay's eelgrass beds nearly disappeared. A new study helps explain why levels remain low.



Fourth California Climate **Assessment helps** communities prepare for impacts

California Sea Grant experts contribute to the new report, which boils down climate projections into a useful analysis for state and local decision makers.

View More





MORE FREQUENT EXTREME WEATHER IS EXPECTED WITH SWINGS BETWEEN

Cooperative coordinator to help Bay Area respond to sea-level rise

Brenna Mahoney has been appointed as the new coordinator of the San Francisco Bay and Outer Coast Sentinel Site Cooperative.

View More

San Diego canyon restoration helps

prepare for climate risks

According to a new report, restored canyons may be more resistant to floods, water contamination, and wildfires—risks projected to increase with climate change.

View More



Two California students awarded NMFS-Sea Grant fellowship

Sabrina Beyer, a PhD student at UC Santa Cruz, and Gabriel Englander, a PhD student at UC Berkeley, were among eight graduate students nationwide to receive the fisheries fellowship.

View More

Coastal Management Fellow and Knauss Finalists announced

Five recent graduates from California universities have landed prestigious national fellowships in coastal management and marine policy

View More



The latest California Sea Grant blog posts

Stories from fellows and extension specialists



Abby Newman: Community Roundtable Facilitation 101



Q&A with Monique Myers: How will climate change affect California's central coast?



Lark Starkey: Swim safely... some science behind bacteria in our waterways



Michelle Succow: Living the Sacramento life as a fellow with State Parks



Zac Reinstein: Russian River coho salmon continue their comeback



Whitney Berry: Waves of Change









