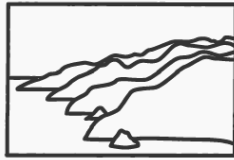


**COAST RANGE
ASSOCIATION**

[View as Webpage](#)



Someone forwarded you this newsletter? Signup and get Ocean News once a month.

[Join the List](#)

Oregon Coast

OCEAN NEWS

A monthly newsletter of ocean science, marine conservation & climate news.



Photo: Dylan Freedom



All of us at the Coast Range Association appreciate the important advocacy work many individuals and organizations conduct along the length of the coast. Despite the hardships, 2020 was a strong year for coastal and nearshore conservation. But much work remains.

With nearshore rocky habitat planning and protection, continued opposition to the Jordan Cove LNG export terminal and the scientific assessment and public policy analysis of restoring and protecting a healthy sea otter population in Oregon, 2021 offers exciting opportunities.

That is why we ask you to join the fight for a better world and coast. A secure and resilient coastal environment will provide for everyone living and visiting our ocean, shoreline and

forests. Together we can make a difference. [Contact](#) us to learn more, and [donate](#) to support this work. Thank you for your continued commitment to the Oregon Coast and our important work.

Ocean News

Ocean warming, sea level rise, acidification & other Oregon Coast news

[Invasive green crabs threaten Dungeness in Coos Bay estuary](#)

The Oregonian, 12.29.20

It's almost like something out of a horror movie. Waves of invasive European green crabs are threatening the Coos Bay estuary, and its existing population of Dungeness crabs, as well as clams, oysters, and mussels, according to a recent report published by South Slough National Estuarine Research Reserve.

Green crab, *Carcinus maenas*



ODFW Green crab identification.

[Clatsop-Nehalem tribes 'dreaming again' with return of ancestral land](#)

OPB, 12.15.20

Tribes reclaim 18.6 acres on the Oregon coast and plan to build a longhouse

[Major Land Use Victory Blocks Jordan Cove](#)

Oregon Shores Conservation Coalition, 12.24.20

The Land Use Board of Appeals (LUBA) has awarded Oregon Shores and allies a significant, multi-part victory in our efforts to block the proposed Jordan Cove LNG export terminal. In a decision handed down on Dec. 22, LUBA overturned Coos County's permits for the Jordan Cove Energy Project's planned marine terminal and associated infrastructure on Coos Bay's North Spit. While this doesn't end the battle, it puts up a serious obstacle to Jordan Cove's attempts to build the LNG plant and associated pipeline.

[Dungeness MIA This Holiday: Crabbers Getting Lowballed by Processors](#)

GoodStuffNW, 12.30.20

With price negotiations stalled and the entire West Coast fleet essentially tied up at the dock, it looks like holiday crab feeds are going to have to wait.



Photo: Unsplash

[Archaeologists Could Help Bring Otters Back From the Dead](#)

The New York Times, 12.3.2020

The sea mammals vanished from Oregon's coast long ago, but a technique from human archaeology offers a clue to restoring them.

[NOAA Research's top 5 stories from 2020](#)

NOAA Research News, 12.16.20

From predicting smoke movement from massive wildfires, to investigating how marine life is responding to a quieter ocean, 2020 was a big year for NOAA science. As this unprecedented year draws to a close, we're looking back at some of our biggest research endeavors in 2020. Here are 5 of our most-read stories from the last year.

[Stanford researchers explore potential for kelp to relieve ocean acidification](#)

Stanford News, 11.19.2020

A new analysis of California's Monterey Bay evaluates kelp's potential to reduce ocean acidification, the harmful fallout from climate change on marine ecosystems and the food they produce for human populations.

[Biden and the Underseas Cable Underworld](#)

Slate, 12.28.20

Massive internet cables may already be below water—but they can still drown.

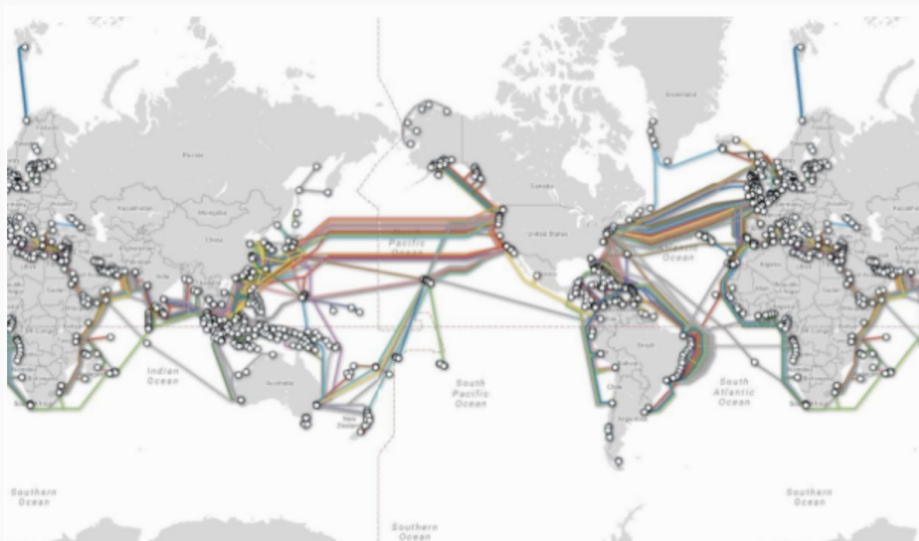


Image: Submarine Cable Map

Oregon Marine Reserve News

From the Oregon Department of Fish & Wildlife Marine Reserve Program. Visit their [website](#) to learn more.

2020 MARINE RESERVES HIGHLIGHTS



Human Dimensions Research

- 2 Agency Reports
- 3 Scientific Publications
- 4 Infographics



3 Oceanographic Sensors

each at Cascade Head, Cape Falcon & Cape Meares



Temp



Oxygen



Salinity



1 vessel contract

\$11,425

awarded to vessel from Garibaldi



9 students mentored

\$2,500

in research scholarships



10

Public & Virtual Presentations



New Data Dashboard

launched allowing users to explore marine reserves ecological monitoring data collected by ODFW over the last 10 years



22

New Volunteers Trained

to participate in SCUBA and hook and line surveys

Want to learn more? Visit OregonMarineReserves.com

Image: Oregon Marine Reserves

Interactive Resources

Video: [OSU GEMM Lab gray whale foraging behavior research in Port Orford, Oregon](#)

This video was produced by Tom McCambridge (OSU/MSI student) during the Port Orford 2020 field season, and features GEMM Lab graduate student Lisa Hildebrand explaining about the research effort.

Video: [Witness an Amazing Journey of Survival, from the Arctic to Baja and Back](#)

Joy Primrose, founder and President of the American Cetacean Society-Oregon Chapter shares about gray whales and their incredible migration journey. A presentation hosted by the Cape Perpetua Collaborative.



Data: [ODFW Marine Reserves Program Data Dashboard](#)

This dashboard allows you to explore preliminary trends in the data collected by the Oregon Department of Fish and Wildlife (ODFW) Marine Reserves Program.

Video: [Rare Sperm Whale Encounter with ROV](#)

At 598 meters (1,962 ft) below the Gulf of Mexico off the coast of Louisiana, ROV Hercules encountered a magnificent sperm whale. [Learn more](#) about sperm whales.

Coastal Conservation Trainings and Events

Elakha Alliance

January 14 | [The Return of Sea Otters: Considering the Ecological and Cultural Dimensions of Restoration](#)

- 7 pm
- What has the loss of sea otters meant to Oregon's indigenous peoples? What does their absence mean to the health of nearshore ecosystems? What might be gained from the return of sea otters to Oregon? Join Peter Hatch and John Goodell, from the Elakha Alliance, as they discuss the history and possible future of sea otters in Oregon through the Nature Matters lecture series broadcast from Fort George Brewery Facebook live page.

January 21 | [Urchins, Kelp, and Sea Otters: A Webinar for Oregon's Freedive & Scuba Community](#)

- 6:30 pm
- Elakha's John Goodell, and Oregon Kelp Alliance Coordinator Tom Calvanese, will discuss concerning trends in Oregon's kelp ecosystem, urchin management, and the Elakha Alliance's plan to reintroduce sea otters. They will also discuss opportunities for the freediving and scuba community to participate in citizen science in collaboration with marine biologists.

Cape Perpetua Collaborative

January 16 | [The View from Cascade Head: Lessons for the Biosphere from the Oregon Coast](#)

- 10 am
- In this presentation, Bruce Byers will discuss how the rich history of ecological

research and the stories of the people who have worked to protect it have made Cascade Head a laboratory for understanding how humans affect ecosystems and a model for healing the human-nature relationship.

January 23 | [Valuing Water: Learning from the past to add resilience to our future](#)

- 10 am
- Valley bottom streams, rivers and wetlands have been altered across North America since European settlement. Looking back at how these systems functioned in the past, prior to impacts, allows understanding of a systems natural processes and the intrinsic resilience of an intact system.

Support the Coast Range Association's Coastal Program



Communities and the Living Ocean

From Astoria to Gold Beach, coastal communities are connected with the ocean through history and livelihood. We have studied this connection and use the knowledge gained to help make the coast a better place to live. The CRA Coastal Program works ...

[Read more](#)
coastrange.org

DONATE

Coast Range Association |
PO Box 2250 Corvallis, OR 97339

