



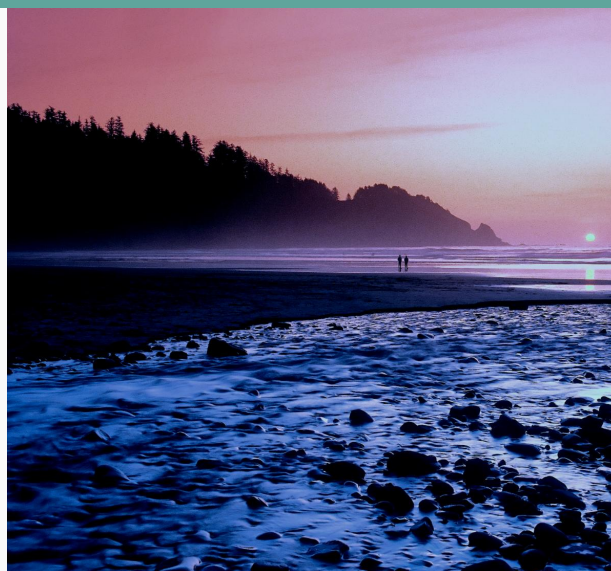
Oregon Coast OCEAN NEWS

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

February Ocean News Highlights

Only have a few minutes? Here are the highlights from this month's Ocean News.

- [Ocean Gyres are Shifting](#)
- [Feds delay Jordan Cove LNG final decision](#)
- [Ernie Niemi, "Bigger than Expected: Climate-Change Costs & Emission-Reduction Benefits" Interview](#)
- [11th Annual Sharing the Coast Conference](#)



Jim Carlson is CRA's coastal field staff. He works closely with the strong coalition of organizations and agencies that work to protect Oregon's coast and the nearshore marine reserve system. He can answer your questions and direct you in the right direction regarding coastal issues. Reach Jim at 503-801-5538, or jim@coastrange.org.

Ocean Issues News

ocean warming, sea level rise, acidification, and other
Oregon Coast news

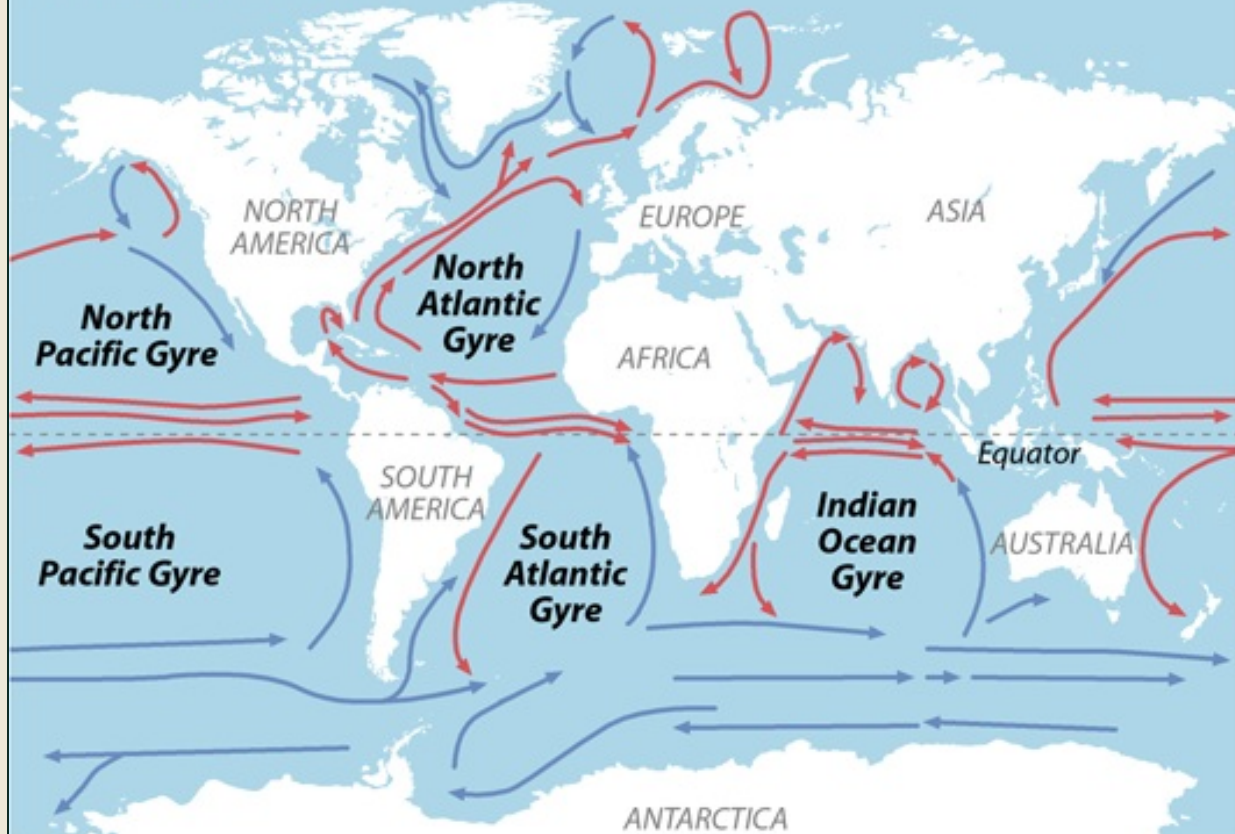
[Climate Change is Pushing Giant Ocean Currents Poleward](#)

InsideClimate News, 2.26.20

A new study identifies fundamental changes in ocean circulation, with potentially dire effects on food supplies, sea level and weather in densely populated areas.

Ocean Gyres are Shifting

Gyres are large systems of rotating ocean currents that shape weather and conditions for marine life, transport heat from the tropics toward the poles, steer storms and help disperse nutrients. A new report by scientists in Germany shows the gyres are shifting, with dire consequences for coastal areas and ocean species.



SOURCE: NOAA

PAUL HORN / InsideClimate News

[Scientists gather to study risk from microplastic pollution](#)

The Register-Guard, 2.26.20

PORTLAND — Tiny bits of broken-down plastic smaller than a fraction of a grain of rice are turning up everywhere in oceans, from the water to the guts of fish and the poop of sea otters and giant killer whales. Yet little is known about the effects of these “microplastics” — on sea creatures or humans. “It’s such a huge endeavor to know how bad it is,” said Shawn Larson, curator of conservation research at the Seattle Aquarium. “We’re just starting to get a finger on the pulse.”

[Friends of Cape Falcon Marine Reserve provides science update](#)

Tillamook Headlight Herald, 2.26.20

During 2019, scientific studies conducted at Cape Falcon Marine Reserve shed light on the state of Oregon’s nearshore ocean environment and wildlife. The ongoing work of researchers and local volunteers to carry out a variety of studies and projects allows everyone to see the work being done to strengthen the connection between life on land and under the water.

[Washaway Beach: How a community stood together and refused to be swept out to sea](#)

The Seattle Times, 2.24.20

The community of North Cove, established in 1884, is between the towns of Grayland and Tokeland in Southwest Washington; this corner of the Washington coast is one of the fastest-eroding coastlines in the world. The beach we’re walking on has been nicknamed “Washaway Beach.” Over the past century, relentless winter storms have claimed a schoolhouse, a lighthouse, a Coast Guard station, more than 50 homes and close to 2 miles of land. The ocean swallowed an unreal average of 100 feet of coastal land per year.

[Huge Roadblocks for Jordan Cove](#)

Surfrider Foundation, 2.20.20

In the past 24 hours, the Jordan Cove LNG Project has been dealt two huge blows by decision makers. On Wednesday evening, the Oregon Department of Land Conservation and Development (DLCDD) denied the Coastal Zone Management Act "Federal Consistency Review" for the Jordan Cove LNG export terminal and Pacific Connector fracked gas pipeline.

[Feds delay Jordan Cove LNG final decision](#)

The Oregonians, 2.20.20

Federal regulators effectively delayed their licensing decision on the Jordan Cove LNG project in Coos Bay on Thursday until they could review Oregon regulators' decision to reject a key permit for the project because of its significant environmental impacts.



[Coastal risks and land use policy create tradeoffs for armoring Oregon Coast](#)

Newport News Times, 2.18.20

CORVALLIS — An Oregon land use policy creates a large economic value for some private homeowners who are allowed to protect their shoreline against erosion, according to a new Oregon State University study.

[Seeding oceans with iron may not impact climate change](#)

MIT News, 2.17.20

Historically, the oceans have done much of the planet's heavy lifting when it comes to sequestering carbon dioxide from the atmosphere. Microscopic organisms known collectively as phytoplankton, which grow throughout the sunlit surface oceans and absorb carbon dioxide through photosynthesis, are a key player.

[LightHawk Supports Aerial Glimpse of Sea Level Rise on Oregon Coast](#)

Surfrider Foundation, 2.10.20

Once again after a stint of gloomy weather on the Oregon coast, the skies opened up on February 9th for a radical coastal flight to document the King Tides from the skies! Surfrider Newport Chapter's Mike Harrington teamed up with LightHawk's volunteer pilot Roy Lewallen to fly along the central coast to document some of the highest tides of the year ("king tides"). LightHawk is a nonprofit that accelerates conservation success through the powerful perspective of flight and in this case, they are helping our local volunteers get a handle on what the climate impacts to our coastlines might look like to help us better plan for the future.

[Natural gas pipeline proposal fractures Oregon community](#)

PBS News Hour Weekend, 2.09.20

A protracted battle in Oregon over a proposal to build a 229-mile natural gas pipeline and processing terminal in the southern part of the state is pitting those hungry for economic development against those wary of the project's environmental risks. But as NewsHour Weekend's Christopher Booker reports, that fight is drawing closer to a conclusion.

[Bonamici, Posey, Beyer, Mast Introduce Bipartisan Bill to Advance Blue Carbon, Protect](#)

Bonamici, 1.13.20

WASHINGTON, DC [1/13/20] – Today Congresswoman Suzanne Bonamici (D-OR), Congressman Bill Posey (R-FL), Congressman Donald S. Beyer Jr. (D-VA), and Congressman Brian Mast (R-FL) introduced the bipartisan Blue Carbon for Our Planet Act. The legislation is designed to capture the power of our ocean and estuaries for effective climate mitigation, strengthen federal research on blue carbon, and protect and restore coastal blue carbon ecosystems. Healthy blue carbon ecosystems, like mangroves, tidal marshes, seagrasses, and kelp forests, can remove carbon dioxide from the atmosphere and store it for centuries to millennia in stems, branches, leaves, roots, and soils.

Oregon Marine Reserve News

From the Oregon Department of Fish & Wildlife Marine Reserve Program. To signup for their newsletter visit their [website](#).



Photo: ODFW Marine Reserves Program

Returning To The Reserves: Lars Robison Checks In On His Backup Fishing Spot, 2.20.20

With a profession spanning five decades off of a 15-mile stretch of coastline, this charter boat captain's sense of place for the Cascade Head Marine Reserve area remains deep and unchanged. This is despite changes in management as well as his use and interactions with the area. Join us as we talk with Lars Robison and explore his knowledge of the reserve, how he came to know these waters, and his continued connections with this place.

[Read More](#)



Photo: ODFW Marine Reserves Program

STAC Meeting: March 17th in Corvallis, 2.20.20

The Scientific and Technical Advisory Committee (STAC) will be holding a meeting on March 17, 2020 from 1-5 pm in Corvallis at the Historic Old School located at 4455 NE Highway 20.

An agenda for the meeting will be posted in the near future on the [OregonOcean.info](#) website.

Interactive Tools, Video, and Podcasts

[Opposition Groups Respond To LNG Ruling](#) - Listen to the interview

Jefferson Public Radio

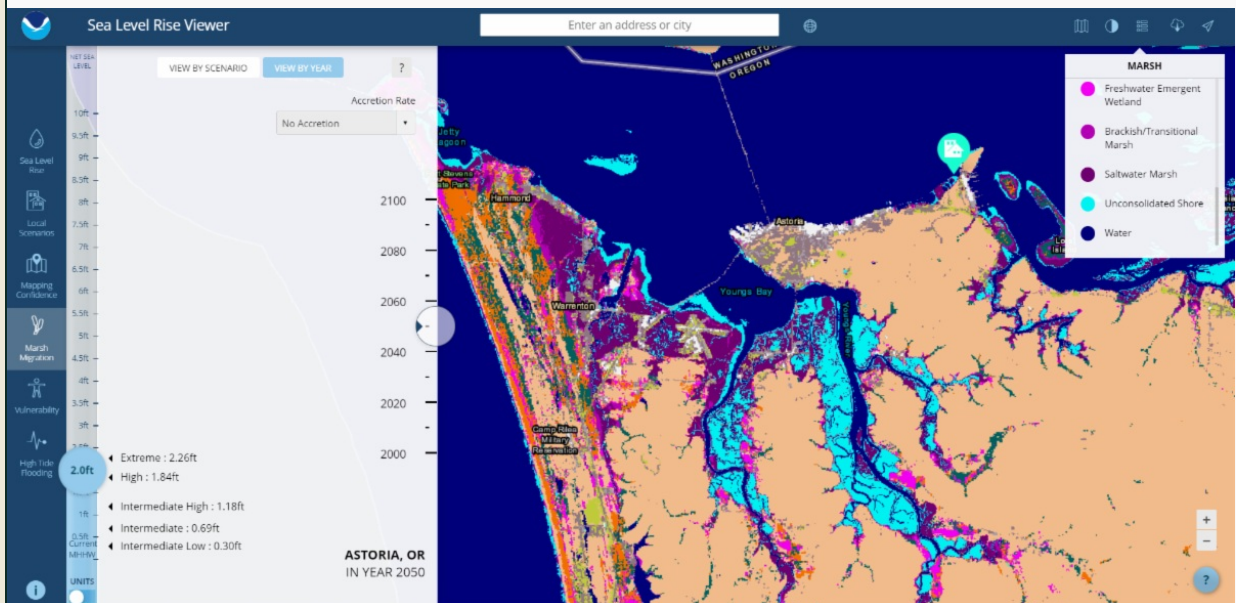
The Federal Energy Regulatory Commission, FERC, pushed off a decision on its fate on February 20th, a process watched closely by LNG opponents Rogue Riverkeeper and Rogue Climate. Stacey Detweiler and Allie Rosenbluth from those groups join us with

reactions to FERC's decision process.

[Tutorial for Sea Level Rise Viewer: Marsh Migration](#)

NOAA Office for Coastal Management

Explore the impacts of sea level rise inundation on local wetlands using the marsh migration tab of NOAA's Sea Level Rise Viewer. This self-guided tutorial uses an example to help you optimize the viewer and get the information you need to guide decisions about where to focus monitoring, restoration, and conservation efforts.



[Blue Carbon-- Craig Cornu, Pacific Northwest Blue Carbon Working Group-](#)

Watch the video

MidCoast Watersheds Council

The second presentation of the six-part Carbon Speaker Series "From Ridgetop to Reef", hosted by the MidCoast Watersheds Council

[Ernie Niemi, "Bigger than Expected: Climate-Change Costs & Emission-Reduction Benefits" Interview](#) - Listen to the interview

Coast Range Association, Coast Range Radio

In this interview we are on location with natural resource economist, Ernie Niemi. Ernie is the co-founder and co-director of the Forest Carbon Coalition, and founder of Natural Resource Economics, INC. This half hour show provides highlights from our over hour long conversation about the important findings and implications for Oregonians from a working paper Ernie released in January 2020, titled "Bigger Than Expected: Climate-Change Costs & Emission-Reduction Benefits".

[Elwha Tribal Elder and Commercial Fisherman Robert Elofson](#) - Listen to the interview

KNKX Radio

The Federal Energy Regulatory Commission, FERC, pushed off a decision on its fate on February 20th, a process watched closely by LNG opponents Rogue Riverkeeper and Rogue Climate. Stacey Detweiler and Allie Rosenbluth from those groups join us with reactions to FERC's decision process.

Upcoming Coast Events & Activities

Oregon Shores CoastWatch and Northwest Aquatic & Marine Educators

March 13 - 15 | 11th Annual Sharing the Coast Conference
Hales Center for the Performing Arts, Coos Bay

[Website](#)

Sharing the Coast is a conference for everyone! The bulk of the speakers and workshops happen on Saturday the 14th. CoastWatch and Northwest Aquatic Marine Educators are bringing you a super slate of speakers and presenters this year in beautiful Coos Bay, Oregon. Come and learn about Oregon coast citizen science and how to be involved with everything from identifying dead birds to identifying dune grasses.

March 13-15

Sharing
the Coast

CONFERENCE

PRESENTED BY:

CoastWatch &
Northwest Aquatic
Marine Educators

Coos Bay, Oregon

SOUTHWESTERN OREGON
COMMUNITY COLLEGE

Portland Audubon Society

May 2, 9, 20 | **Black Oystercatcher
Community Science Trainings**

Multiple sites and times

[Website](#)

June 6, 13 | **Seabird Nest Colony Monitoring
Trainings**

Multiple sites and times

[Website](#)

April 4, 18 | **Snowy Plover Patrol Trainings**

Multiple sites and times

[Website](#)

July 16, 22 | **Marbled Murrelet Survey Trainings**

Multiple sites and times

[Website](#)



Cape Falcon Events

April 23 | **Cape Falcon Marine Reserve: There's More Beneath the Surface**

4 PM - 5 PM

Cannon Beach History Center and Museum

[Facebook](#)

May 2 | **Black Oystercatcher Monitor Training**

10 AM - 12 PM

Haystack Rock Awareness Program: 163 E Gower St, Cannon Beach

[Facebook](#)

May 9 | **Spring Pelican Monitoring**

5 PM - 7 PM

Cape Falcon Marine Reserve: 79080 Tide Rd, Arch Cape

[Facebook](#)

June 6 | Seabird Monitoring Training

10 AM - 12 PM

Haystack Rock Awareness Program: 163 E Gower St, Cannon Beach

[Facebook](#)

Coast Range Association

March 16 | Western Oregon in the Era of Climate Change

6:30 PM – 7:30 PM

Driftwood Public Library, 801 SW Hwy 101 #201, Lincoln City

Facebook



Western Oregon in the era of Climate Change

A Discussion with Chuck Willer
of the
Coast Range Association

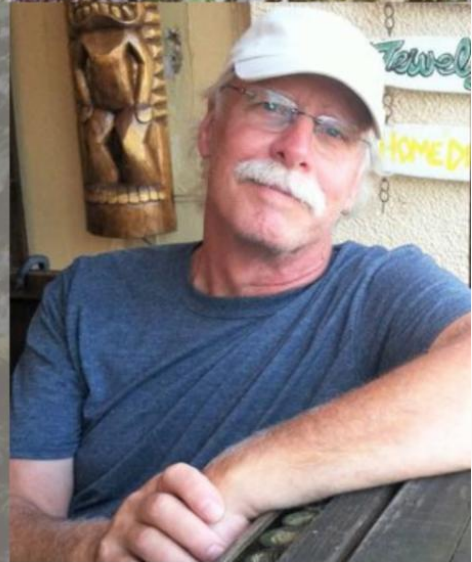
Monday, March 16th

Driftwood Public Library

801 SW Hwy 101 #201, Lincoln City

6:30 pm—7:30 pm

**Hosted by American Association of
University Women, Lincoln City Branch**



Oregon's forests and communities have been transformed by finance and big capital to the detriment of people and the natural world. Yet, the climate crisis requires a just transition to a new carbon neutral economy.

A Green New Deal for Oregon

www.coastrange.org



Midcoast Watersheds Council

March 5 | **Why conservation and restoration of Pacific Northwest tidal wetlands is of global significance:** Dr. J. Boone Kauffman

6:30 PM

Pacific Maritime Heritage Center

[Website](#)

The coastal ecosystems of the Pacific Northwest provide a variety of benefits including supporting fisheries, biodiversity, tourism, water quality and coastal erosion protection. Many also have significant value in taking carbon dioxide out of the atmosphere to help mitigate impacts of climate change.

March 17 | **Siletz Watershed Council Meeting**

6:30 PM

Siletz Public Library: 225 SE Gaither St. Siletz

American Cetacean Society - Oregon Chapter

March 14 | **Speaker Series**

10 AM – 12 PM

Newport Public Library 35 NW Nye St, Newport

[Facebook](#)

Speakers Series Meeting: Leila Soledade Lemos, a 2019 ACS Oregon chapter grant recipient, will discuss her research assessing body condition, reproductive and stress related hormone variability in gray whales in relation to ambient noise along the Oregon Coast. Following Leila will be Amanda Zimmerman sharing her experience working at McMurdo Station in Antarctica.

Surfrider Foundation Oregon Chapters

March 3 | **Free Screening of film, "The Story of Plastic"**

6:30 PM

Grand Theater in Salem

[Website](#)

March 5 | **March Chapter Meeting - Make Art Not Trash Presentation**

6 PM

SharkBite's Theatre, 226 S. Broadway, Coos Bay

[Facebook](#)

March 8 | **Tipsey Crafter Malt-bag Tote Making Workshop**

9:30 AM - 11:30 AM

7 Devils Brewing Co, 247 S 2nd St, Coos Bay

[Facebook](#)

March 12 | **Newport Chapter Meeting**

6:30 PM - 8 PM

[Website](#)

March 21 | **Coos Bay: Equinox Gala Event**

6:30 PM - 9:30 PM

Black Market Gourmet, 495 Central Ave Coos Bay

[Website](#)

March 31 | **Astoria: Ft. George Fundraiser**

4 PM - 9 PM

Fort George Brewery, 1483 Duane St, Astoria

[Website](#)

Cape Perpetua Events

March 5 | **Cape Cove Beach Cleanup at Cape Perpetua**

3:30 PM – 5 PM

Cape Perpetua Visitor Center

[Facebook](#)

March 7 | **Girl in Water Photography**

11 AM – 12 PM

Cape Perpetua Visitor Center

Cape Perpetua Speakers Series

[Facebook](#)

March 14 | **Fivemile-Bell Landscape Restoration Project**

11 AM – 12 PM

Cape Perpetua Visitor Center

Cape Perpetua Speakers Series

[Facebook](#)

March 21 | **Climate Change: Hoax or Apocalypse?**

11 AM – 12 PM

Cape Perpetua Visitor Center

Cape Perpetua Speakers Series

[Facebook](#)

March 28 | **Experiencing Gray Whales**

11 AM – 12 PM

Cape Perpetua Visitor Center

Cape Perpetua Speakers Series

[Facebook](#)

SOLVE

March 28 | **Spring Oregon Beach Cleanup**

10 AM

45 Sites!

[Website](#)

Join SOLVE and thousands of volunteers on Saturday, March 28, 2020 as we clean up litter and marine debris from the entire Oregon coast! Since 1986, this home-grown tradition of twice-yearly beach cleanups has benefited people and wildlife alike, supporting clean seas and healthy communities. This is a family-friendly event and SOLVE invites all Oregonians to participate.

THANK YOU FOR YOUR SUPPORT!

Thank you for taking the time to read CRA's monthly newsletter *Ocean News*. We appreciate all of our marine and coastal partners who work hard conserving Oregon's coastal beauty and resources. This newsletter's goal is to amplify their voices and great work.

[DONATE](#)

