



Oregon Coast **OCEAN NEWS**

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



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Our hearts go out to everyone impacted by the recent wildfires. We hope all are getting the support they need and continue to stay healthy and engaged during these difficult times. Oregon Coast Ocean News is here to keep you informed on the most important coastal news and events. We continue to highlight important work and research from our many partners on Oregon's marine reserves and the current and future impacts of climate change on our coast and communities. We also share many ways to become involved and stay connected to coastal conservation and stewardship.

Please consider [donating](#) to the Coast Range Association to help keep this important newsletter in your inbox. With your help we can build a more informed society as we face the many social and environmental crises facing Oregon and our nation. Something you would like to see in these newsletters? Send an email, andrew@coastrange.org.

Ocean Issues News

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

[New Study Shows a Vicious Circle of Climate Change Building on Thickening Layers of Warm Ocean Water](#)

Inside Climate News, 9.28.20

Global warming is deepening blankets of warmer water that alter ocean currents, hinder absorption of carbon, intensify storms and disrupt biological cycles.

[Oregon recognized as leader in efforts to stem climate and ocean changes](#)

ODFW, 9.25.20

Oregon again was recognized as a leader in efforts to stem climate change and ocean acidification and hypoxia (OAH). The legislatively-created Oregon Coordinating Council on OAH recently was recognized for its efforts to guide Oregon's response to ocean change and OAH. The Coordinating Council received an Honorable Mention for the 2020 Climate Adaptation Leadership Award for Natural Resources.

[Oregon seabird facing dual threats as forests burn and oceans warm, study says](#)

The Oregonian 9.23.20

The marbled murrelet, a threatened seabird related to the puffin and common murre, is facing a new risk to its habitat: warming ocean waters and a lack of prey.

The bird has long faced threats from shrinking habitat — it requires old-growth forests to build nests and reproduce — and it was granted threatened status under the Endangered Species Act in the early 1990s. But a new study from researchers at Oregon State University details the threats posed as oceans warm and the bird's main food source becomes less abundant.



Photo: OSU College of Forestry

[Fishermen accused of poaching in Cape Falcon Marine Reserve](#)

The Astorian, 9.16.20

Two North Coast fishermen face criminal charges after allegedly poaching crab in the protected Cape Falcon Marine Reserve using gear stolen from fellow crabbers.

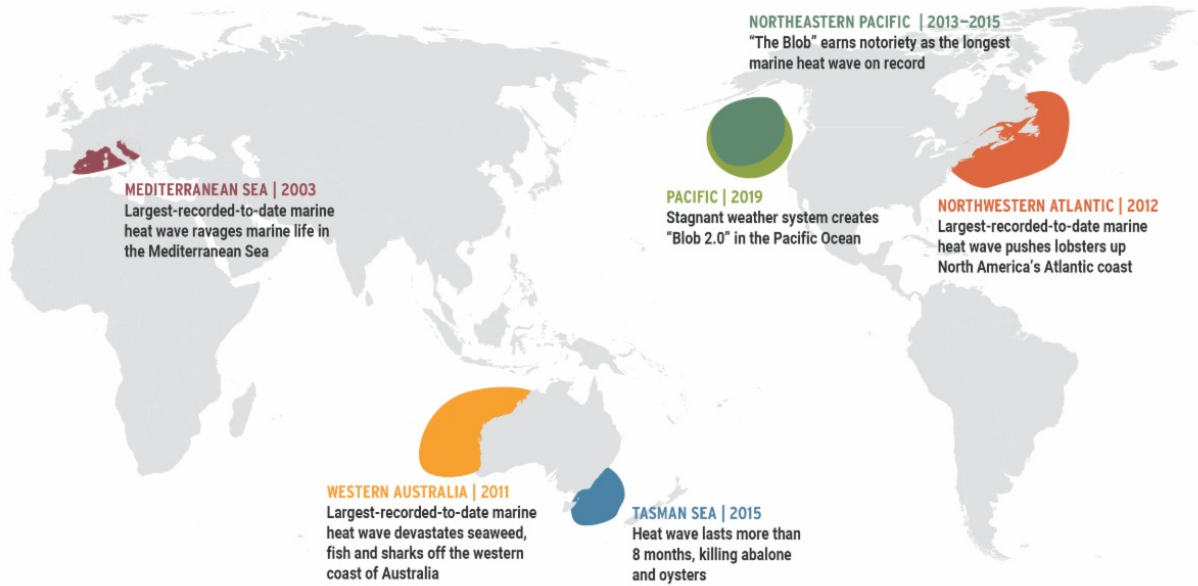
Scott Edward Giles, 39, most recently of Ilwaco, Washington, and deckhand Travis Richard Westerlund, 34, of Astoria, face multiple criminal charges, including theft, criminal mischief, unlawful take and fishing in a prohibited area, following an indictment in August.

[Ocean Forecast: Blobs on the Horizon](#)

Hakai Magazine, 8.25.20

As marine heatwaves become more common and intense, better forecasting may help us reduce the damage.

RECENT MARINE HEAT WAVES



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Basemap: Copyright © Free Vector Maps.com

Oregon Marine Reserve News

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



Photo: Oregon Marine Reserves

Exploring ROV Video Data: Learning About Subtidal Sea Stars Post Wasting, 9.24.20

ODFW described the dramatic changes observed in intertidal ochre star (*Pisaster ochraceus*) populations associated with the sea star wasting disease outbreak that hit Oregon in 2014. ODFW's latest efforts are now focusing on exploring changes in the abundance of 11 sea star species that live subtidally (i.e. underwater, below the low tide mark) in the Redfish Rocks Marine Reserve.

[Read More](#)



Photo: Oregon Marine Reserves

ROV is the Go-to Tool for Bottom-Dwelling Invertebrates, 9.24.20

Marine reserve ROV video surveys provide valuable data on the impact of sea star wasting for a wide range of rarely studied sea star species and other bottom-dwelling invertebrates. Many of these species live in deep habitats that can only be surveyed effectively with the ROV. In addition, the sheer amount of video data that the ROV can gather makes it the go-to tool for understanding seafloor invertebrate communities.

[More Videos](#)



Photo: Oregon Marine Reserves

Returning to the Reserves: Tom Calvanese and Redfish Rocks, 8.27.20

“When I see those emerging rocks, my mind immediately goes to what’s down there. It takes me to experiences of working as an urchin diver,” says Tom Calvanese of the role that offered him his first encounter with the area that is now the Redfish Rocks Marine Reserve.

[Read More](#)



Photo: Oregon Marine Reserves

Qualitative Evaluation of Impacts on Commercial & Charter Fishers, 8.27.20

This project is designed to capture the lived experience of commercial and charter fishers who are directly impacted by marine reserves. We were particularly interested in the economic, social, and cultural impacts of the marine reserves, including whether or not fishers were shifting their efforts to other species or locations following reserve implementation.

[Read More](#)

Interactive Resources

Video: [What makes Redfish Rocks Marine Reserve special?](#)

Redfish Rocks Marine Reserve is the most southern of Oregon’s five marine reserves. Come find out why this area is so abundant with life and worth protecting. To learn more about marine reserves on the Oregon coast, [visit](#) ODFW’s website.



Podcast: [Coast Range Radio presents Charlie Plybon](#)

Coast Range Radio interviews Charlie Plybon. Charlie is the Oregon Policy Manager for the Surfrider Foundation. We discuss his work on Oregon’s marine reserves, rocky habitats, ocean plastic pollution, climate change impacts to the Oregon Coast, updates on ocean and climate policy and opportunities for coastal communities to engage in climate change activism.

COAST RANGE RADIO

PRESENTS

Charlie Plybon

As the Oregon Policy Manager for the Surfrider Foundation, Charlie shares about his work on Oregon's marine reserves, rocky habitat management, the impacts of climate change on the Oregon Coast and how to inspire coastal community action.

Listen at
www.coastrange.org



Tools: [Communicating with Elected Officials](#)

When meeting with an elected official, a good communicator will:

- Establish a clear ask. Be specific, be able to state it in a sentence or two, and use language that is free of jargon and acronyms.
- Present data-driven arguments. Provide credible data to support your information.
- Summarize the message in one page. State your ask in a sentence or two, and create a succinct one-pager that provides the pertinent data and summarizes the key aspects.

Activity: [Cache the Coast](#)

Geocaching is a global phenomenon that combines high-tech mapping with outdoor adventure. Cache the Coast GeoTour showcases some of the most beautiful scenery the Central Coast has to offer, with a special focus on the UNESCO Cascade Head Biosphere Reserve.

Coastal Conservation Trainings and Events

Friends of Cape Falcon Marine Reserve

October 10 - 17 | [Beach Cleanup, Beach Access Improvement, and Trail Maintenance - Oswald West Action Week](#)

- Hosted by Surfrider Foundation Portland Chapter and Friends of Cape Falcon Marine Reserve. Show Oswald West State Park some love by picking up trash. Oswald West is one of the Oregon Coast's most visited State Parks. This summer, the Park has been pretty trashed by higher than normal crowds. We need your help to clean it up!

Lincoln City Audubon

October 28 | [Webinar on Rocky Habitat Campaign](#)

- 10 am
 - The Audubon Chapter of Lincoln City are working on protections for two sites as part of the state's Rocky Habitat Management Strategy, at Cape Foulweather and Cape Lookout. They are planning a webinar to discuss the campaign to protect these sites for Wednesday, Oct. 28, at 10 a.m. To register for the webinar and obtain a link, write to kentd@lincolncityaudubon.org.
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Oregon Sea Grant

November 5 - 6 | [State of the Coast](#)

- State of the Coast is a chance to have fun and learn while listening to informative talks on current marine science and policy issues, participate in hands-on activities, and network with research, industry, and community leaders. This is Oregon's coastal conference for everyone!

Oregon Shores CoastWatch

October 15 | [PRIMED For the Future](#)

- 11 am
- Marine diseases are on the rise and there is an urgent need to prepare for, respond to, and manage outbreaks. CoastWatch is offering two opportunities in October to learn more about diseases that affect wild marine animals. Contact jesse@oregonshores.org for a link.

October 28 | [King Tides Kick Off - North Coast Session](#)

- 6 pm
- The first king tides sequence of the coming winter takes place Nov. 15-17. This event is to help volunteer photographers prepare to capture the reach of these tides as part of the King Tides Project. This north coast session will be co-hosted by Friends of Cape Falcon Marine Reserve. To register, contact Jesse Jones at jesse@oregonshores.org. (Photo: Oregon Shores CoastWatch Facebook page)



Cape Perpetua Collaborative

October 13 | [Interaction of Climate and Human-driven Changes in Pacific Northwest Estuaries: Perspectives From Seagrass and Macroalgae](#)

- 5:30 pm
- Presenting Caitlin Magel, PhD student at Oregon State University. Seagrass and macroalgae provide many important services to coastal communities. Located in estuaries along the coast, these vegetated habitats are vulnerable to both ocean- and land-based stressors.

November 10 | [Under the Cover of Darkness: Tracking Oregon's Marbled Murrelets](#)

- 5:30 pm
- Presenting Lindsay Adrean, Lead Faculty Research Assistant with Oregon Marbled Murrelet Project. During this presentation, Lindsay will provide an overview of the research being conducted by the Oregon Marbled Murrelet Project.

November 19 | [8th Annual Cape Perpetua Land-Sea Symposium](#)

- 5:00 pm
- Join us for the 8th Annual Cape Perpetua Land-Sea Symposium, November 19th. This year, the event will be held virtually. More information and details coming soon. The Cape Perpetua Land-Sea Symposium is a community event aimed at promoting local stewardship efforts and raising awareness about current research being conducted within the Cape Perpetua nearshore and adjacent watersheds.

Supporting the Coast Range Associations 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](#)
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