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OC Overview for the Week of December 10 2018

Drones help map sea level rise

Scientists can now get precise measurements of coastal zones through a combination of drone use and photogrammetry, which measures depth through pictures. This low-cost method could aid in protecting coastal species and towns threatened through sea-level rise. (via [phys.org](#))

Vessel exhaust's impact on Southern resident killer whales

Washington State scientists are collecting scat to assess if the Southern Resident pods are ingesting harmful chemicals. Analysis of the fecal matter found Polycyclic aromatic hydrocarbon, or PAH, a seriously harmful toxin found in oil and gas. As year-long residents, the whales are constantly exposed PAH. (via [The Journal of the San Juans](#))

Argentina Establishes 2 Marine Protected Areas in the Patagonian Sea

Argentina has increased its MPA coverage to 126,000 square kilometers through the creation of two new MPAs - the Yaganes, which is south of Tierra del Fuego, and the Namuncurá-Burdwood Bank II in the South Atlantic. (via [National Geographic](#))

Warming in Arctic Raises Fears of a 'Rapid Unraveling' of the Region

The Arctic continues to melt at an unnerving rate. As more and more ice is lost, a looping event happens where heat rises from the now exposed water causing more ice to melt and so the story goes. Because of these events, we are all more likely to see unusual extreme weather patterns. (via [NY Times](#))

How Two New Projects Aim To Boost Texas' Declining Oyster Population (And Why It Matters)

<https://www.houstonpublicmedia.org/articles/news/energy-environment/2018/12/10/314883/how-two-new-projects-aim-to-boost-texas-declining-oyster-population-and-why-it-matters/>

Sustainable aquaculture: an NGO's point of view

<https://www.governmenteuropa.eu/sustainable-aquaculture-ngos-view/91440/>

Arctic Sea Ice Is Growing Faster Than Before, But There's A Catch

<https://www.forbes.com/sites/trevornace/2018/12/10/arctic-sea-ice-is-growing-faster-than-before-but-theres-a-catch/#7a9a649c1ef4>

As Climate Changes, Is Eating Raw Oysters Getting Riskier?

<https://www.npr.org/sections/thesalt/2018/12/10/669624957/as-climate-changes-is-eating-raw-oysters-getting-riskier>

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