THE NEXUS:
OCEAN ACIDIFICATION NEWS, POLICY AND SCIENCE

JULY 2019

IN THIS EMAIL:

In early June, and for the first time in ten years, the U.S. House of Representatives passed four bills addressing ocean acidification, and did so with at least 90% approval. Passing this legislation will empower coastal industries including fishermen, shellfish growers and tourism operators to better understand the impacts of acidification and develop strategies and technologies to adapt to imminent changes.

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Partnerships between researchers and cruise lines advance OA research

Installing water chemistry monitoring equipment onto large cruise and ferry ships is nothing new, but this cost-effective practice is becoming more common. Royal Caribbean and partners at the University of Miami and University of Rhode Island plan to increase the number of outfitted cruise lines from seven to twenty.

This extra data and expanded geographic reach will better track CO_2 concentration in the ocean, dynamics of the Gulf Stream in the Caribbean Sea, and most recently, CO_2 concentrations in the water around the Galapagos Islands. The added information will be useful for the government of Ecuador and for non-profits as they try to minimize the impacts of acidification and climate change.

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Shellfish industry adapting to changes in water quality and acidification

Washington State shellfish growers have long been feeling the effects of ocean acidification, and they are developing new ways to handle it through partnerships with scientists and policymakers.

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Where are coral reefs vulnerable to human activities?

Researchers from the University of Hawai'i at Manoa and the State of Hawai'i Department of Health have developed and applied a linked land-and-sea computer model in Hawai'i that identifies where coral reefs and associated fisheries are vulnerable to human activities. This tool helps them determine where to focus management actions to minimize human impact.

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Commuters and crops linked to local coastal acidification

A new study shows CO_2 from Silicon

Species show adaptation potential to acidification and climate change

Sedentary Atlantic Surfclams can

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A new study shows that some coral species can survive acidification in the Caribbean.

California bill continues the state's leadership on ocean protection

Among other protections, the bill will increase the monitoring of wastewater treatment plant effluent, stormwater run-off and agricultural run-off pollution that contributes to coastal acidification.

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OTHER NEWS

Dr. Libby Jewett's webinar for the Global Ocean Acidification Observing Network: Where it has been and where it's headed (start 17:14)

The summary report of the 4th Global Ocean Acidification Observing Network (GOA-ON) International Workshop held in April has been released. Read more here.

Passionate about other ocean policy issues?

See the latest update from Ocean Conservancy. You can also click below to sign up to begin receiving these additional updates straight to your inbox.

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