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Community Sampling for Ocean Acidification in Southcentral Alaska

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WE ARE OCEAN PEOPLE: INDIGENOUS LEADERSHIP IN MARINE CONSERVATION
CINDY BOYKO & 'AULANI WILHELM, GUEST EDITORS

Community Sampling for Ocean Acidification in South Central Alaska



Chugach Regional Resources Commission

Watch > <https://www.youtube.com/watch?v=OKyUXCJt2CA>

The **Chugach Regional Resources Commission** (CRRRC) is a Tribal non-profit fish and wildlife commission established in 1984 by the Tribes of Prince William Sound and Lower Cook Inlet. The **Alutiiq Pride Marine Institute** (APMI), a division of CRRRC, is a mariculture technical center located in Seward, Alaska, focused on providing subsistence resource harvest opportunities to Tribal members.

An ocean acidification monitoring program, conducted by APMI and CRRRC, has been bridging the gap between Western science and residents of coastal communities in South Central Alaska. Continuous ocean acidification monitoring by APMI, the collection of discrete ocean acidification samples, and exposure studies provide climate data for researchers to utilize in studying trends and high-level science. The discrete ocean acidification sampling program is conducted by natural resource specialists in Alaska Native communities in Southcentral Alaska. This video features natural resource specialists from Native Village of Port Graham and the Seldovia Village Tribe, who have been building their capacities for years to manage local environmental protection programs. Utilizing local residents to conduct the sampling is a cost-effective way to expand the spatial ocean acidification dataset coverage, build capacity in those communities, and broaden the local knowledge for residents most affected by changing ocean conditions.



Continuing work is critical to understanding the effects of ocean acidification on important food resources for the Tribes in the South Central region. The community response and interest have been overwhelming, and the interest outside the region also continues to grow. This video was made to impress upon the natural resource specialists and community leaders the importance of the sampling program and how it fits into the bigger world of ocean acidification research. It is also intended to educate the samplers and leaders on the results to date and provide them the background needed to share the importance and results with residents of these communities.



FOR MORE INFORMATION

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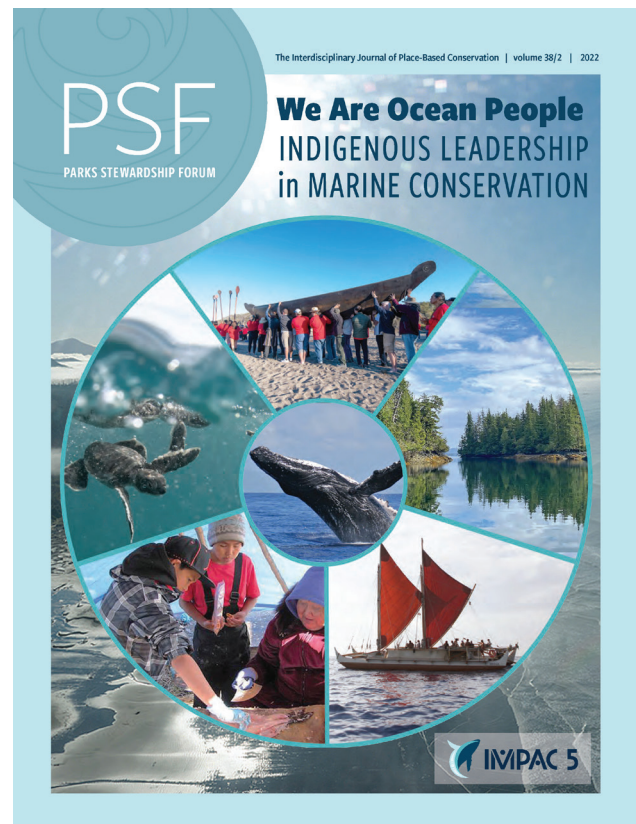
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On the cover of this issue

CIRCLE DESIGN, clockwise from top:

- Northern Chumash ceremony | [ROBERT SCHWEMMER](#)
- Haida Gwaii | [CINDY BOYKO](#)
- The Polynesian Voyaging Society’s voyaging canoe Hōkūle‘a | [NOAA](#)
- Elder teaching youths, northern Alaska | [US FISH AND WILDLIFE SERVICE](#)
- Baby Honu (sea turtles), Papahānaumokuākea Marine National Monument | [NOAA](#)
- Center: Humpback whale, Papahānaumokuākea Marine National Monument | [NOAA](#)

Background: Pacific Rim National Park Reserve | [PARKS CANADA](#)