



PICES | North Pacific Marine Science Organization



International Collaboration

Actionable Science

Facilitate Scientific Knowledge

PICES brings together academic researchers, government scientists and managers, and organizations to share knowledge and coordinate research, providing practical information to support sustainable ocean management and decision making.

PICES – APN Cooperation

The PICES and APN Collaborative Framework for Scientific Cooperation aims to enhance collaboration between the organizations towards their shared goals. Shared research areas include climate change, marine plastic debris and microplastics, and downscaling regional climate models. Recent collaboration activities include:

- Joint workshop at PICES-2025 in Yokohama, Japan focusing on Small Island Developing States (SIDS) and Engaging Local and Traditional Ecological Knowledge; see PICES Press Winter 2026 (Vol. 35, No. 1 pg. 45).
- Supported attendees at the Proposal Development Training Workshops (PDTW), held in Suva, Fiji in 2024 and Jeju, Korea in 2025



Read workshop summary
in PICES Press

After many short-term expert groups on marine plastic pollution, PICES has established a long-term dedicated Section on Marine Plastic Pollution, with great potential for future collaboration.



More info about PICES Section
on Marine Plastic Pollution

UN Decade of Ocean Science for Sustainable Development

SmartNet (*Sustainability of Marine ecosystems through global knowledge Networks*) An UNDOS Program.



SmartNet supports ICES/PICES member countries' activities related to the UN Ocean Decade by focusing on shared research areas such as climate change, sustainable fisheries, social, ecological and environmental dynamics of marine systems, coastal communities and human dimensions.



More info about SmartNet

BECI (*Basin Scale Events to Coastal Impacts*) An UNDOS Program.



BECI's purpose is to connect research institutions, management bodies, and coastal communities across the North Pacific, breaking down knowledge silos that hinder the collective ability to respond to rapid ocean change.

Capacity Development

Promoting and coordinating marine scientific research requires capacity development to ensure all PICES member countries – and their scientists and institutions – can participate fully in, and benefit from, cooperative programs developed by PICES.

One way PICES enhances diversity is by engaging Early Career Ocean Professionals (ECOPs). The PICES *Advisory Panel on Early Career Ocean Professionals* facilitates the incorporation and engagement of diverse ECOPs across regions, sectors, and disciplines into PICES scientific activities and organizational structure.



ECOP Business Meeting at PICES-2025 in Yokohama, Japan



More info about PICES ECOP

Climate Change

Climate change and sustainable fisheries

Climate change is reshaping pelagic forage communities and disrupting marine food webs, driving the need for adaptive fisheries management and interdisciplinary research. PICES/ICES Joint Working Group 53 on Sustainable Pelagic Forage Communities advances this work globally.



More info about WG53

Impacts of extreme events on coastal communities

Extreme climate events in the Pacific are becoming more frequent and severe, putting coastal communities at greater risk. PICES Working Group 49 on Climate Extremes and Coastal Impacts in the Pacific is improving the understanding of the causes and impacts of these events. At PICES-2025, they convened a workshop to identify key drivers of ecological and societal impacts within a cumulative effects framework; see PICES Press Winter 2026 (Vol. 35, No. 1 pg. 50).



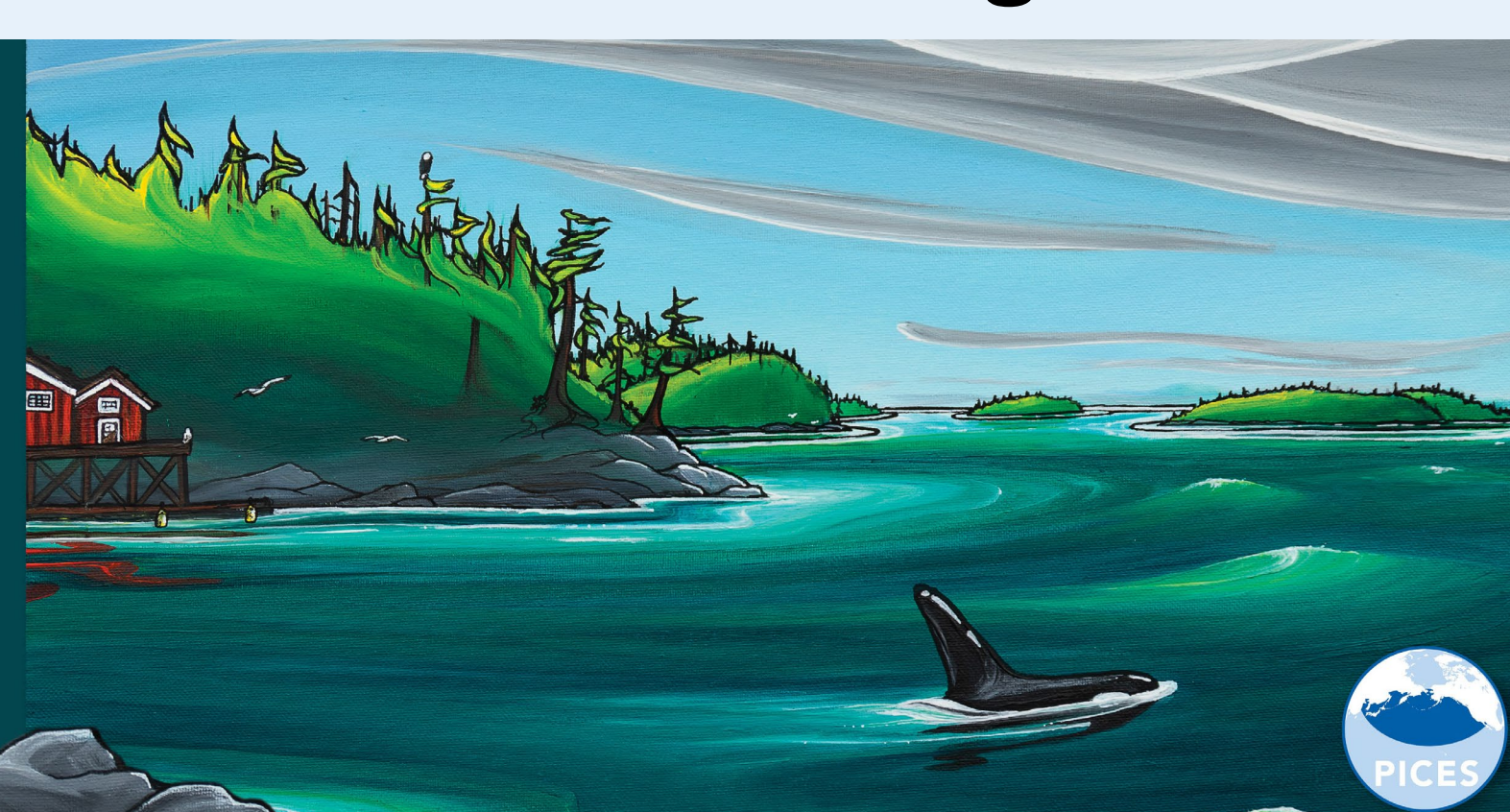
Read workshop
summary in
PICES Press

PICES-2026 Website



Join us at PICES Annual Meetings!

PICES-2026
Actionable Science
for a Changing Ocean
Oct 24-30, 2026 | Nanaimo, Canada



Get involved

- Submit an abstract for a poster or oral presentation
- Join an Expert Group
- Attend a PICES business meeting
- Connect with the PICES community at social events

North Pacific Marine Science Organization (PICES)

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