

PICES-2025

North Pacific Marine Science Organization

Innovative Approaches and
Applications to Foster Resilience in
North Pacific Ecosystems

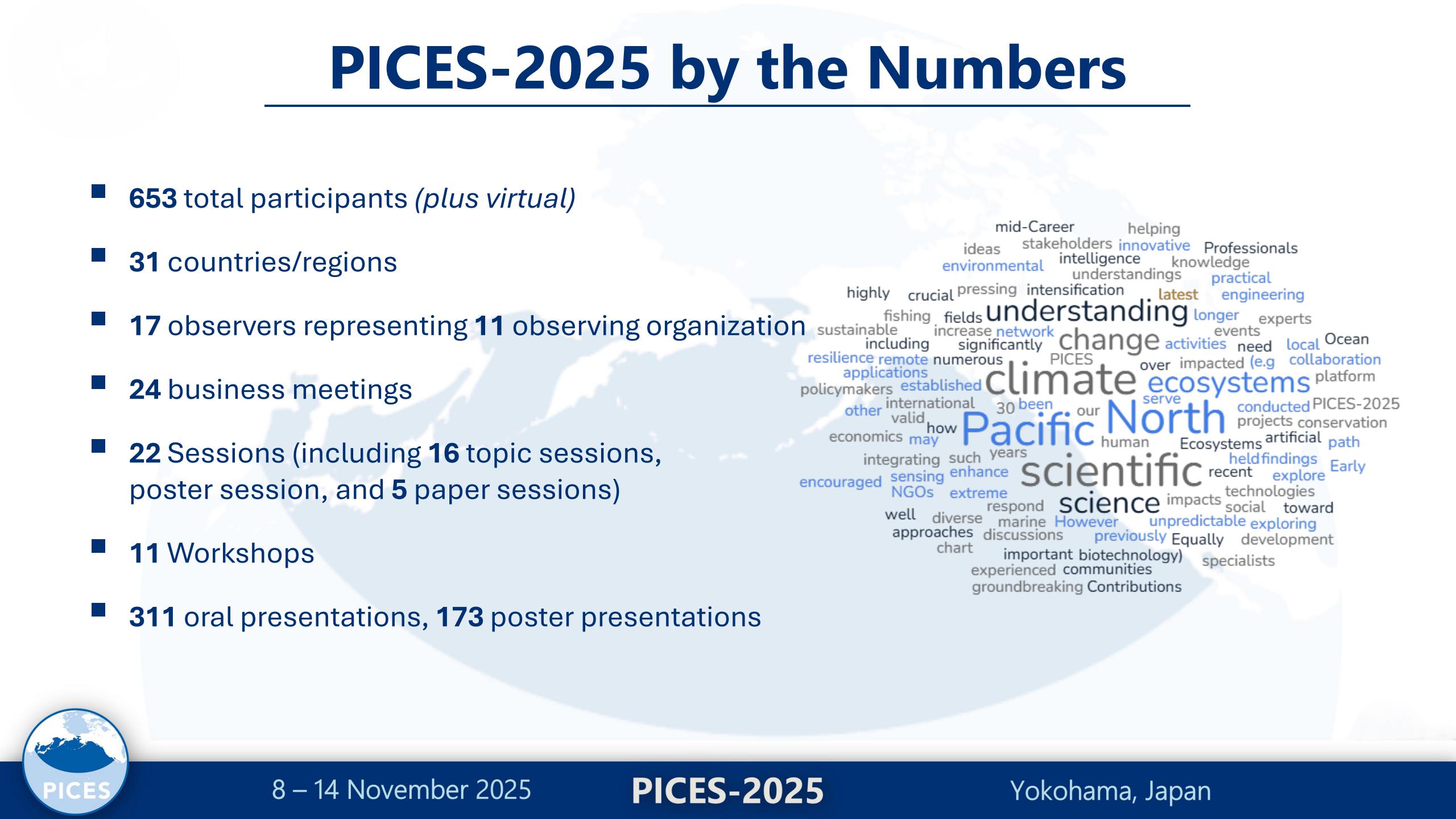


8 – 14 November 2025 | Yokohama, Japan



PICES-2025 by the Numbers

- **653** total participants (*plus virtual*)
- **31** countries/regions
- **17** observers representing **11** observing organization
- **24** business meetings
- **22** Sessions (including **16** topic sessions, poster session, and **5** paper sessions)
- **11** Workshops
- **311** oral presentations, **173** poster presentations



mid-Career helping
ideas stakeholders innovative Professionals
environmental intelligence knowledge
understandings understandings practical
highly crucial pressing intensification latest engineering
fishing fields increase network
sustainable including significantly
resilience remote numerous PICES
applications including
policymakers established
other international 30 been
valid how
economics may
integrating such years
encouraged sensing enhance
NGOs extreme
well diverse respond
approaches marine However unpredictable exploring
discussions previously
chart
important biotechnology) specialists
experienced communities groundbreaking Contributions



PICES-2025 by the Numbers

ECOPs

294 total | 40 % of all attendees!



8 – 14 November 2025

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Yokohama, Japan

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PICES Awards



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Yokohama, Japan

PICES-2025

Wooster Award Winner

Professor Yongjun Tian



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Zhu-Peterson Award Winner

Hyung-Gyu Lim



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POMA Award Winner

K2 Biogeochemical Time-series (JAMSTEC)



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PODA Award Winner

Korea Oceanographic Data Center (KODC)



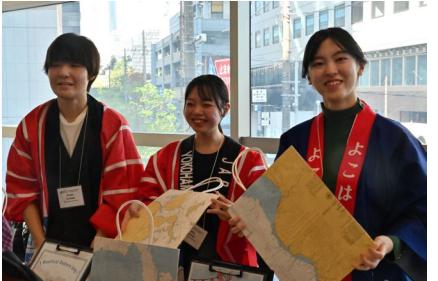
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A Week in Review

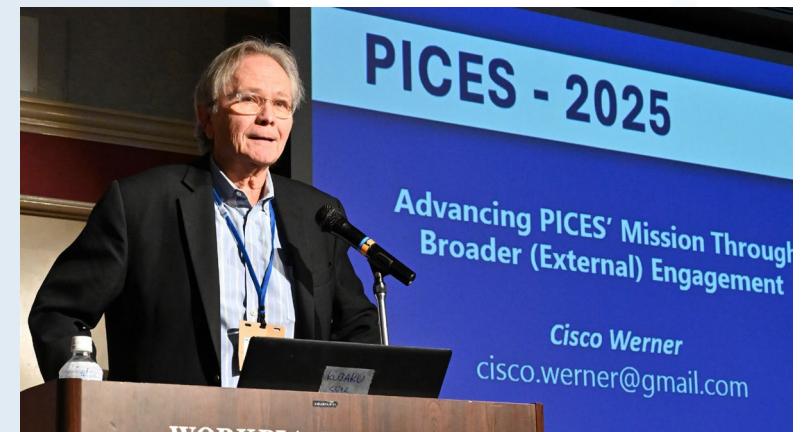


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Yokohama, Japan

Town Hall

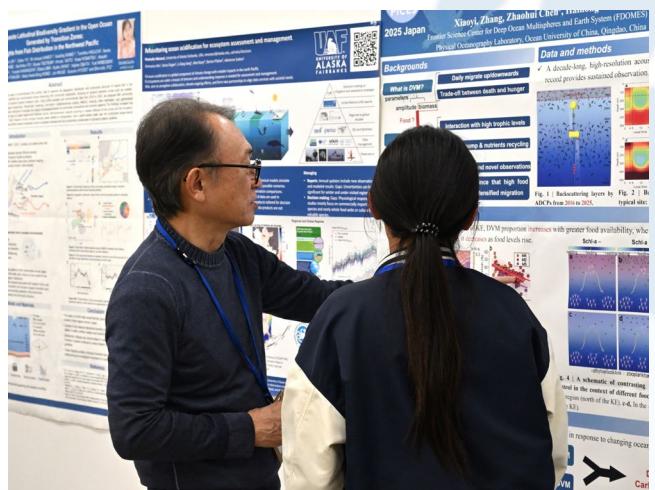
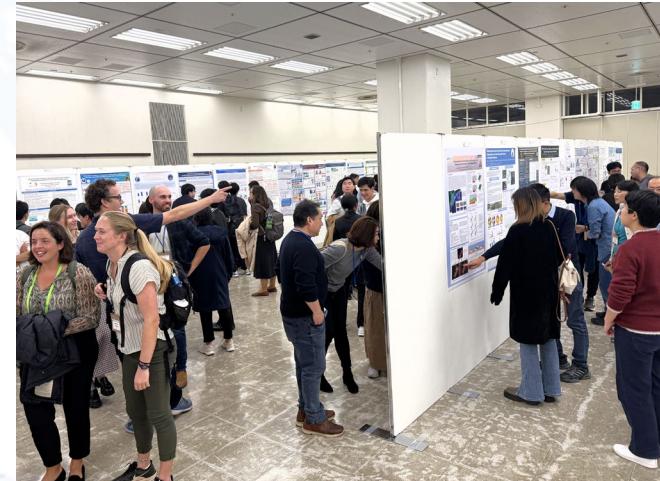
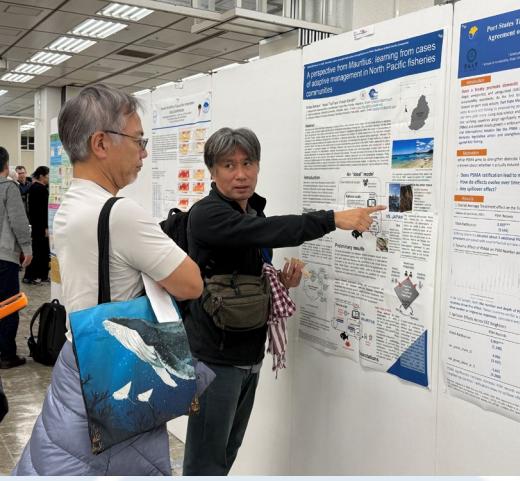
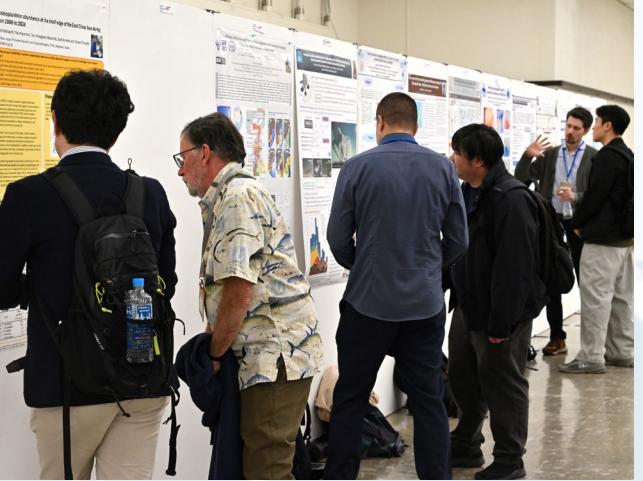
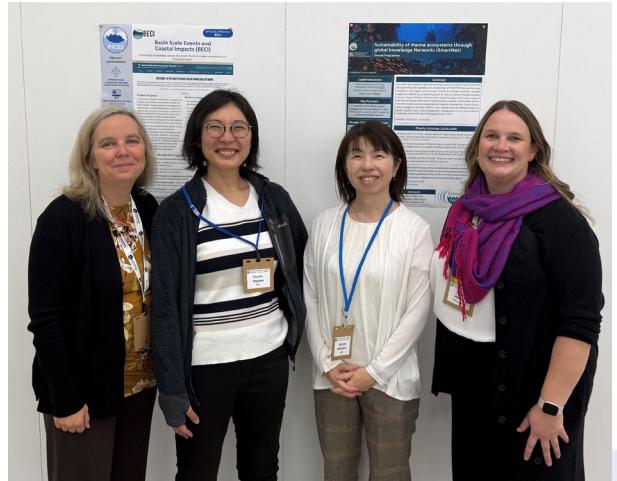


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Poster Session



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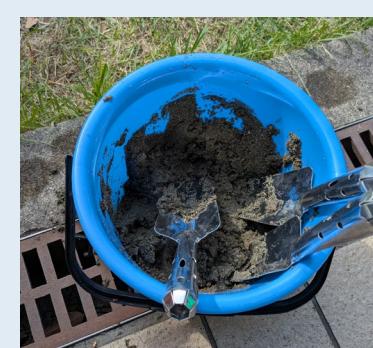
PICES-2025

Yokohama, Japan

Yokohama Marine Park Seagrass Sowing

“When the neighborhood’s security declines, the park’s environment deteriorates as well. The opposite is also true—by creating a good park, we can help improve the community’s environment.”

- Park Manager



Sporting Event: Boccia!



PICEANS!



8 – 14 November 2025

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Yokohama, Japan

Survey on co-design and knowledge integration in ocean science

Hello PICES Community,

As a follow-up to Workshop 8: “***Engaging with Local and Traditional Knowledge Holders to Co-Design Ocean Science in Pacific SIDS***”, we invite all PICES-2025 participants to complete a short survey on co-design and knowledge integration in ocean science.

With thanks,
W8 Conveners



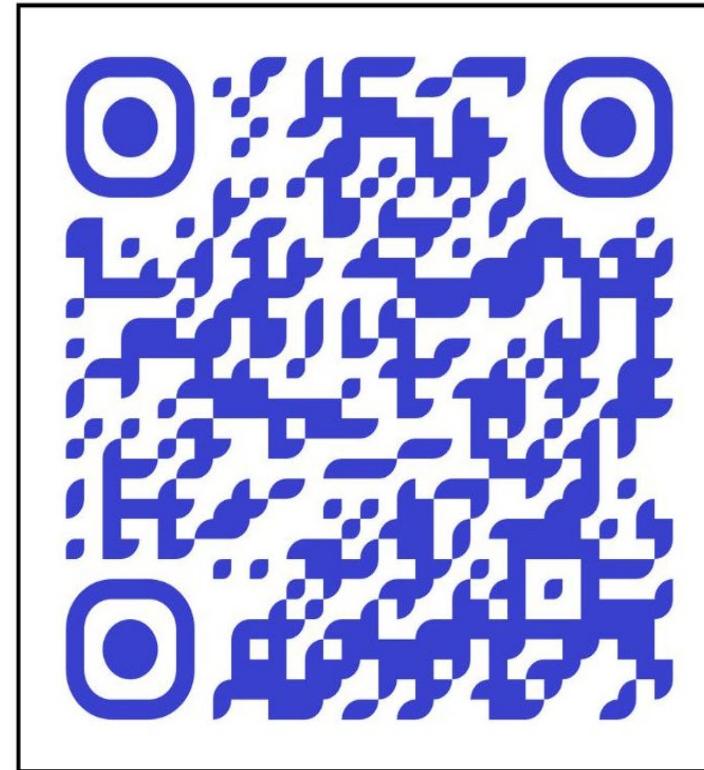
Please access the survey using this QR code or the link below:

<https://forms.gle/AtYVsNLXCyZseVWh6>

Co-designing Survey

Survey QR code will be also be available at the back of the room after closing ceremony.

Thank you!



2 min

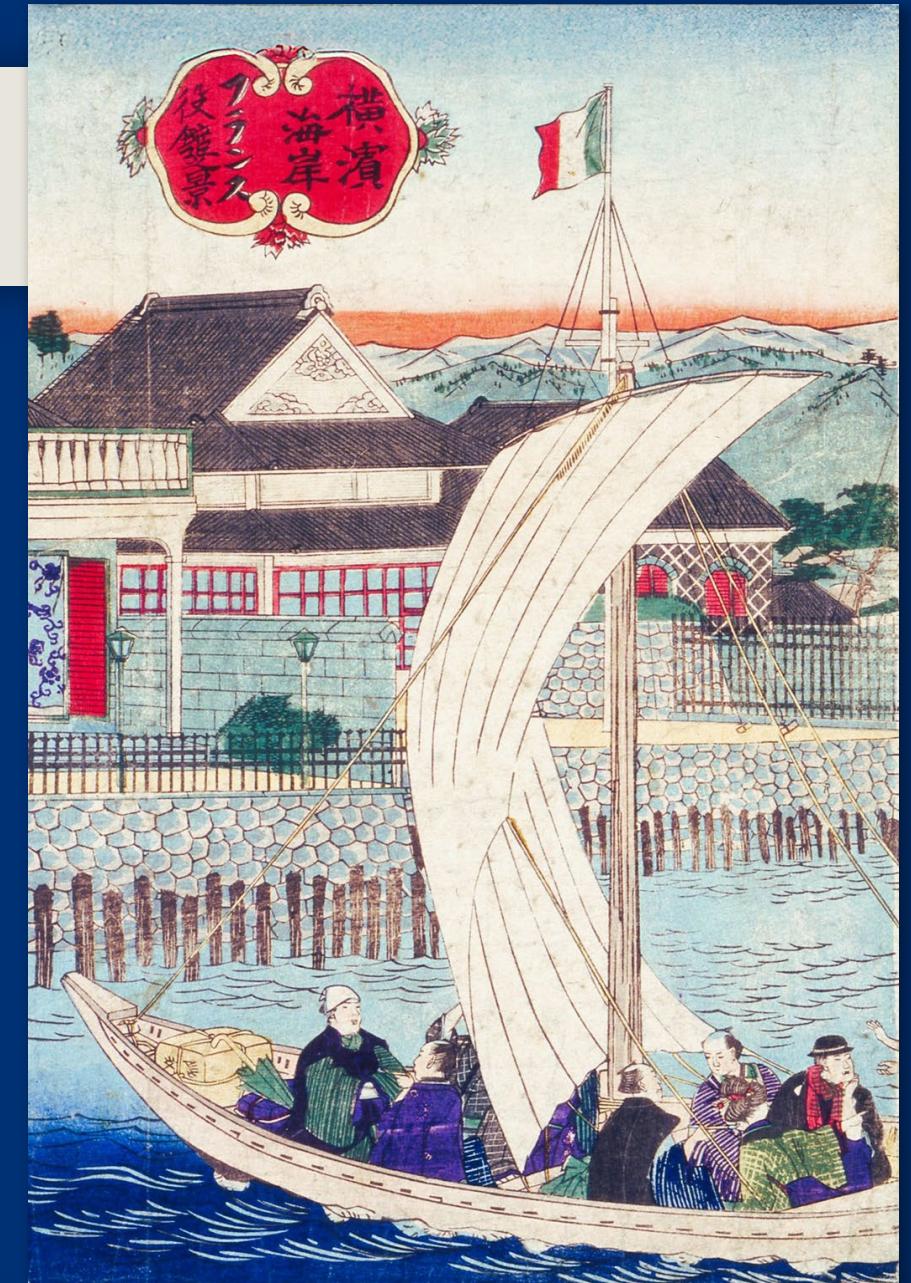
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ECOP Presentation Awards



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Yokohama, Japan

ECOP Presentation Awards

*Science Board and each Committee selects
one oral and one poster presentation*

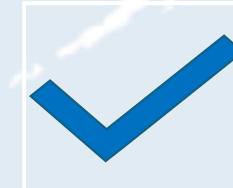
Selection Criteria



Research is primarily the presenter's



Content is scientifically excellent



Content is presented clearly



Presenter responds thoughtfully to questions if asked

PICES 2025

ECOP Presentation Awards

**Forecasting and Understanding Trends,
Uncertainty and Responses of North
Pacific Marine Ecosystems (FUTURE)**



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PICES 2025 ECOP Presentation Awards

Forecasting and Understanding Trends, Uncertainty and Responses of North Pacific Marine Ecosystems (FUTURE)

Best Oral presentation

to

Christina Kong

on

Spatially heterogeneous ecosystem responses to marine heatwaves
in the Northeast Subarctic Pacific



PICES 2025 ECOP Presentation Awards

Forecasting and Understanding Trends, Uncertainty and Responses of North Pacific Marine Ecosystems (FUTURE)

Best Oral presentation

to

Jessica Perelman

on

The changing catch: Seasonal migrations and climate sensitivity of
mahimahi in Hawai‘i’s fisheries



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ECOP Presentation Awards

Biological Oceanography (BIO) Committee



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PICES 2025 ECOP Presentation Awards



Biological Oceanography (BIO) Committee

Best Poster presentation
to

Yuino Senta

on

**Species-specific characteristics in ammonium excretion rates of
large marine copepods revealed by a highly sensitive analytical
method**



PICES 2025 ECOP Presentation Awards



Biological Oceanography (BIO) Committee

Best Oral presentation
to

Rikuto Hashimoto

on

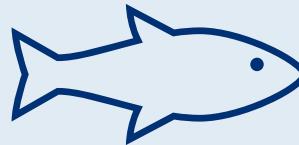
Stage classification of female gonadal development and estimation
of egg production rates of *Paracalanus orientalis* (Copepoda:
Calanoida) in Sagami Bay, Japan



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ECOP Presentation Awards

Fishery Science Committee (FIS)



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PICES 2025 ECOP Presentation Awards



FIS Committee

Best Poster presentation
to

Rentaro Mitsuyu

on

**Modeling the population dynamics of Pacific saury considering
migration**



PICES 2025 ECOP Presentation Awards



FIS Committee

Best Oral presentation
to

Alexanra Regalado

on

Possible phenotypic responses to geographical range expansion of
tropical small pelagic fish in the Northwest Pacific



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Human Dimensions (HD)



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Human Dimensions (HD) Committee

Best Poster presentation
to

Shu-Chiang Huang

on

**Marine protected area management: Enhancing effectiveness
through stakeholder participation in Taiwan and Japan**



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Human Dimensions (HD) Committee

Best Oral presentation
to

Kotaro Tanaka

on

**Social network analysis of partnership structure under the UN
Ocean Decade Actions**



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**Marine Environmental Quality (MEQ)
Committee**



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Marine Environmental Quality (MEQ) Committee



Best Oral presentation
to

Jake Dingwall

on

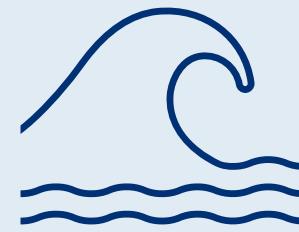
Tracing contaminants from watersheds to spawning grounds:
Source-to-sink dynamics and Pacific herring embryo exposure risk in
the Strait of Georgia, Canada



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ECOP Presentation Awards

**Physical Oceanography & Climate (POC)
Committee**



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PICES 2025 ECOP Presentation Awards



Physical Oceanography & Climate
(POC) Committee

Best Poster presentation
to

Kelly Manyahuillca Gutierrez

on

Impacts of global warming on Peruvian ocean stratification and its
implications



PICES 2025 ECOP Presentation Awards



Physical Oceanography & Climate
(POC) Committee

Best Oral presentation
to

Xinyi Wang

on

Energy cascade in ocean frontogenetic zones



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ECOP Presentation Awards

**Technical Committee on Monitoring
(MONITOR)**



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Yokohama, Japan

PICES 2025 ECOP Presentation Awards



Technical Committee on
Monitoring (MONITOR)

Best Poster presentation

to

Siyu Zhang

on

Carbon dynamics in a eutrophic estuary: Riverine organic matter
overrides nutrient-induced sinks



PICES 2025 ECOP Presentation Awards



Technical Committee on
Monitoring (MONITOR)

Best Oral presentation

to

Clare Ostle

on

Using the Continuous Plankton Recorder to detect and monitor
Alexandrium catenella in the Bering Sea



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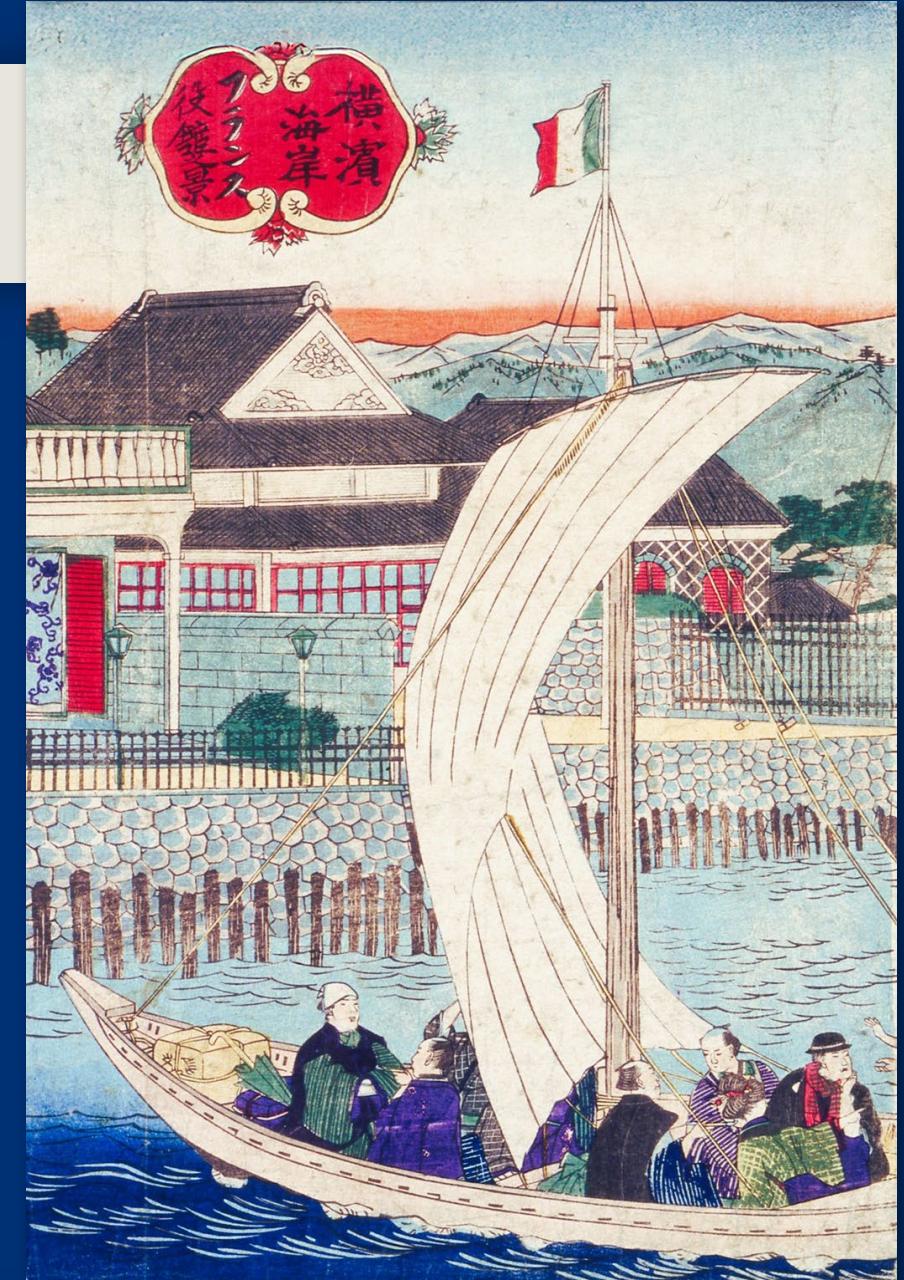
Chair Appreciation

Presented by
Tetsuo Fujii
PICES Chair



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Yokohama, Japan

Science Board Chair (PICES 2023-2025)



Dr. Sukyung Kang
National Institute of Fisheries
Science (NIFS), Korea



Passing the Baton

Welcome New Science Board Chair!
Dr. Jennifer L. Boldt



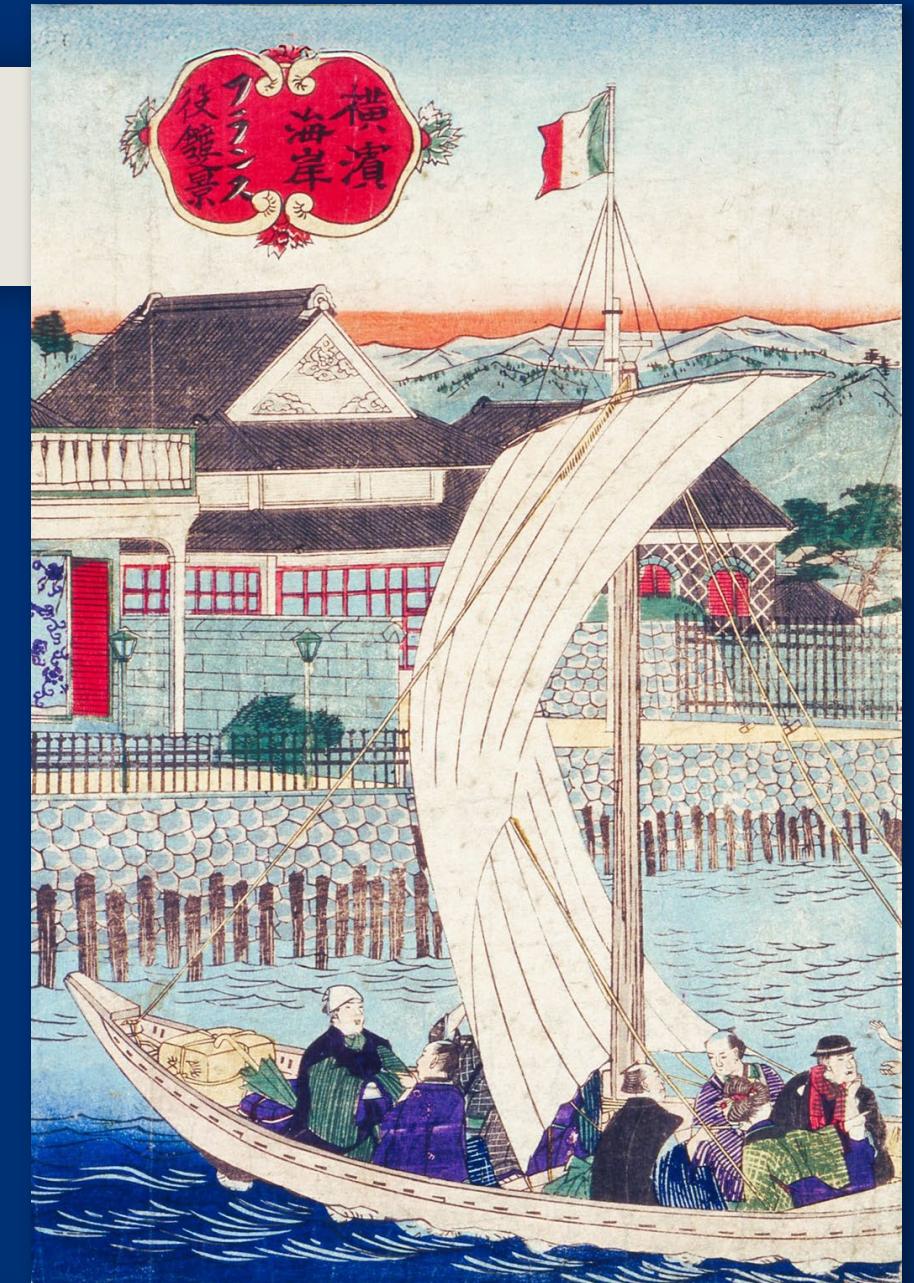
Chair Appreciation

Committees



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Yokohama, Japan

Biological Oceanography Committee (BIO)



BIO Chair (PICES 2020~2025)

Dr. Akash Sastri

Institute of Ocean Sciences
Fisheries and Ocean Canada



Human Dimension Committee (HD)



HD Chair (PICES 2020~2025)

Prof. Mitsutaku Makino

Atmosphere and Ocean Research
Institute, University of Tokyo, Japan



Technical Committee on Monitoring (MONITOR)



MONITOR Chair (PICES 2020~2025)

Prof. Sung Yong Kim

Department of Mechanical Engineering,
Korea Advanced Institute of Science &
Technology (KAIST)



Technical Committee on Data Exchange Committee (TCODE)



TCODE Chair (PICES 2020~2025)

Ms. Jeanette C. Gann

Ecosystem Monitoring and
Assessment Alaska Fisheries
Science Center, NMFS, NOAA, USA



Thank You Everyone!

Local Organizing Committee

Volunteers

Partner organizations

All Presenters and Participants!



GESAMP
Group of Experts on the
Scientific Aspects of Marine
Environmental Protection



APN
ASIA-PACIFIC NETWORK FOR
GLOBAL CHANGE RESEARCH



ICES
CIEM



APEC
Asia-Pacific
Economic Cooperation



CLIVAR
Alaska Ocean Observing System



Argo



MPAFC



SOOS
International Scientific Committee for Tuna and
Tuna-like Species in the North Pacific Ocean



pogo
Partnership for
Observation of the Global Ocean



IPHC
INTERNATIONAL
PACIFIC HALIBUT
COMMISSION



CNOOS
CENTRAL & NORTHERN
CALIFORNIA OCEAN
OBSERVING SYSTEM



NPFC
DEEP OCEAN
OBSERVING
STRATEGY



IAPSO
NOWPAP
Northwest Pacific Action Plan



IWCP
INTERNATIONAL
WHALING
COMMISSION



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PICES-2025

Yokohama, Japan

Introducing....PICES-2026!

Andrew Thomson
PICES Vice-Chair

See you at PICES-2026

Nanaimo, Canada

24-30 October 2026





EVENT PLANNING

A composite image featuring a city skyline with modern skyscrapers on the left and a large ferris wheel and roller coaster on the right, all set against a dramatic, cloudy sky.

Safe Travels!