



# PICES - 2024

North Pacific Marine Science Organization

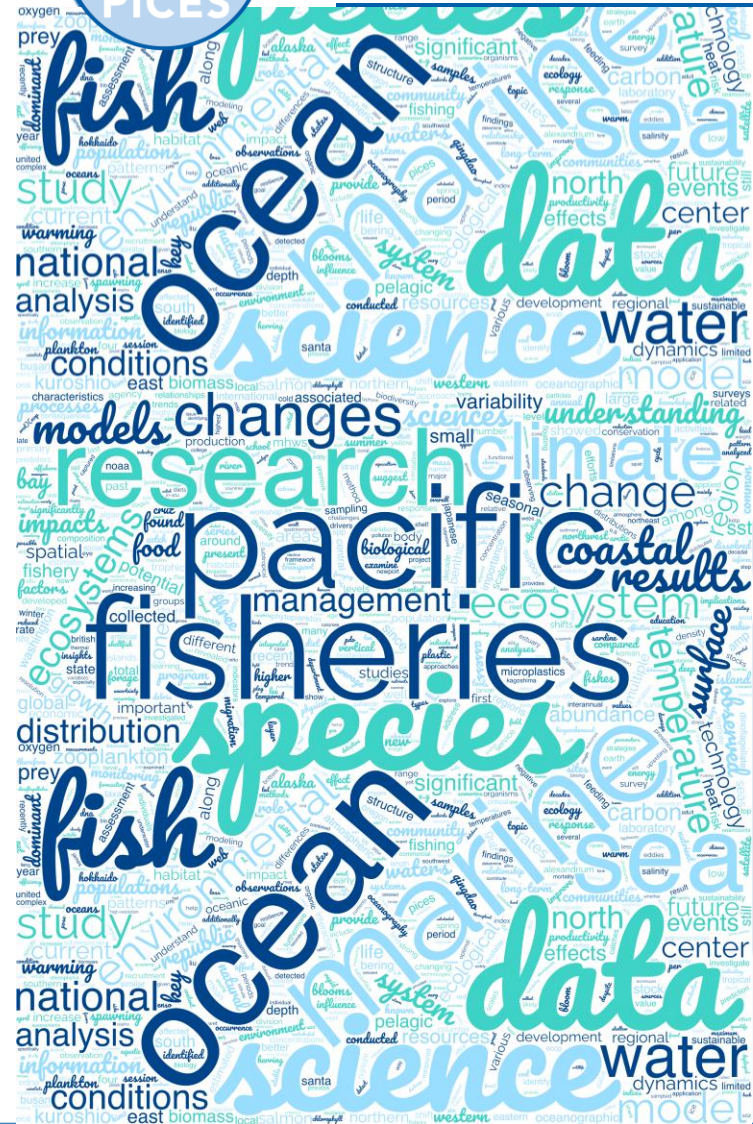


## The **FUTURE** of PICES: Science for Sustainability in 2030

October 26 – November 1  
Honolulu, USA



# PICES 2024 by the Numbers



- **549** total participants (*including virtual*)
- **468** attended in person from **23** countries
- Observers from **16** International / regional organizations / programs represented.
- **19** business meetings
- Science Board, Governing Council, and F&A Executive meetings
- FUTURE Symposium, **12** Topic Sessions, **9** Workshops, **5** Contributed Paper Poster Sessions, and **5** other events
- **184** oral presentations, **156** poster presentations
- Whova app is used by **88%** of participants (**92%** of ECOPs)

Honolulu, USA

PICES Annual Meeting 2024

Oct 26 – Nov 1





# PICES 2024 by the Numbers

## ECOPs

214 total | 39% of all attendees



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# PICES - 2024

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## PICES 2024 Awards



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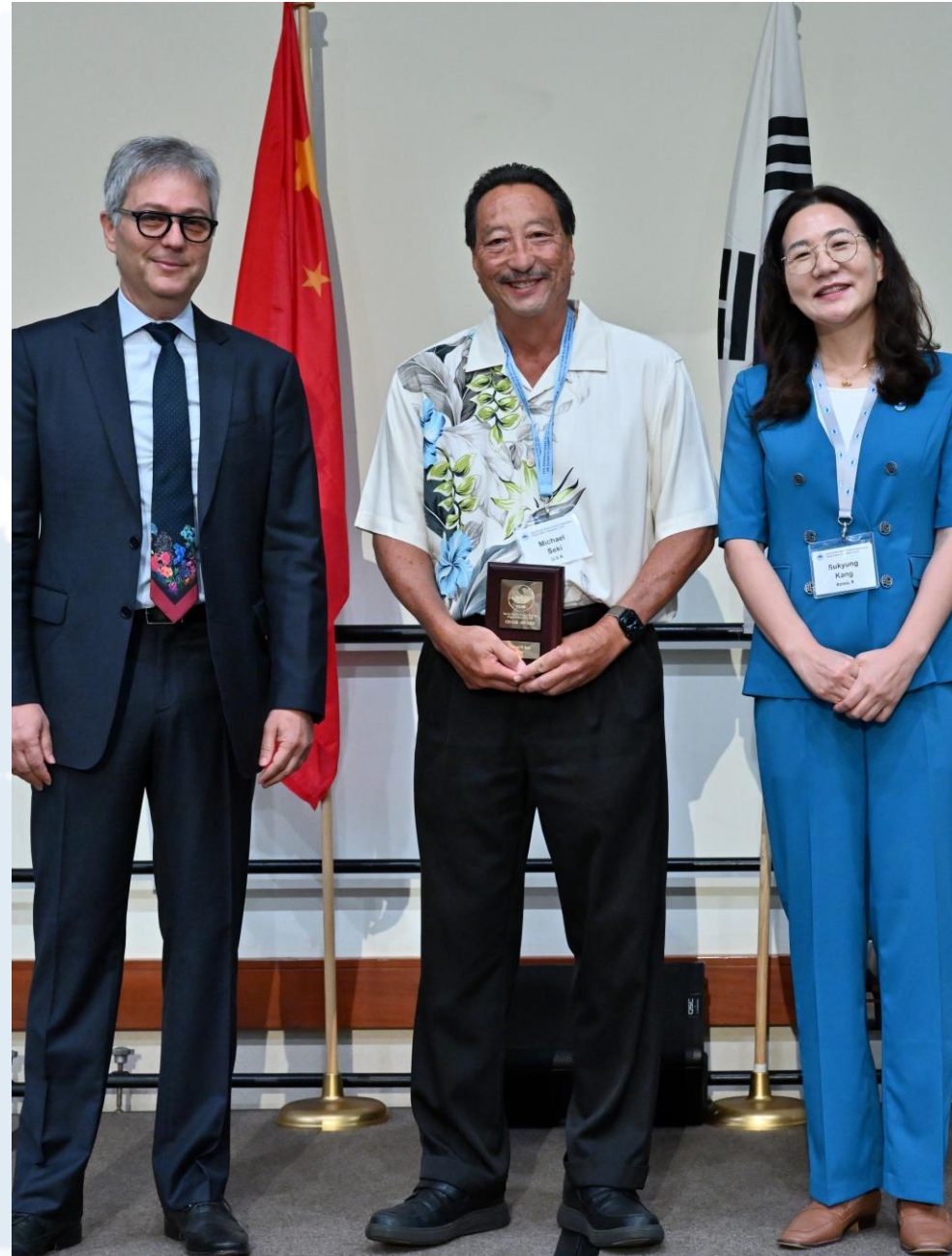


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# PICES 2024 Chair Award Winner Mike Seki



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# PICES 2024 Wooster Award Winner Professor Shin-ichi Ito



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# PICES 2024 Zhu-Peterson Award Winner Raphaël Kevin Roman



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# PICES 2024 POMA Winner EC1 Program at Seoul National University



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## Highlights



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# Honolulu!



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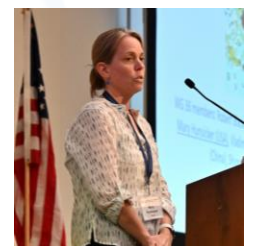
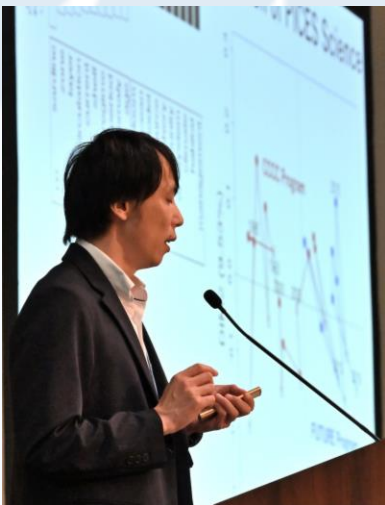
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# FUTURE Symposium



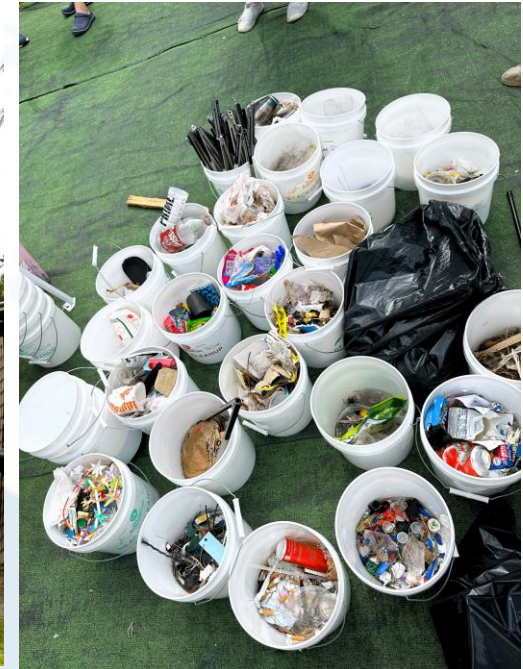
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# Beach Clean up with Waikīkī Aquarium



# Halloween Poster Session



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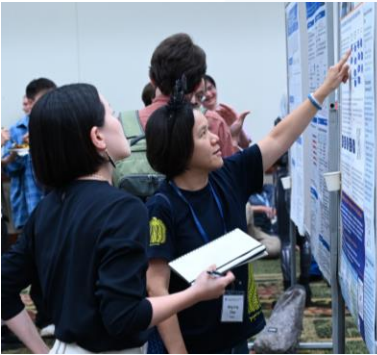
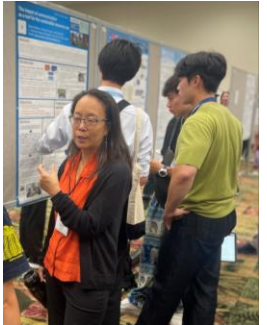
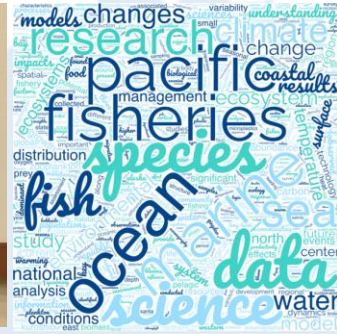
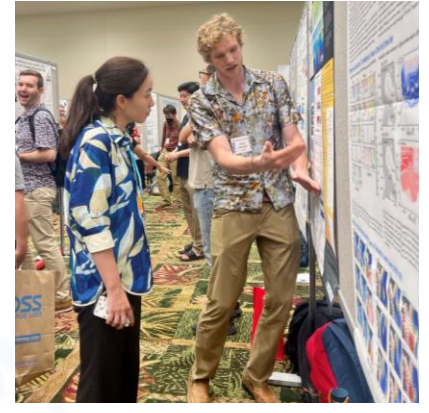
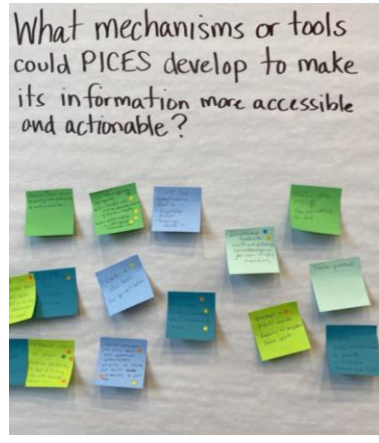
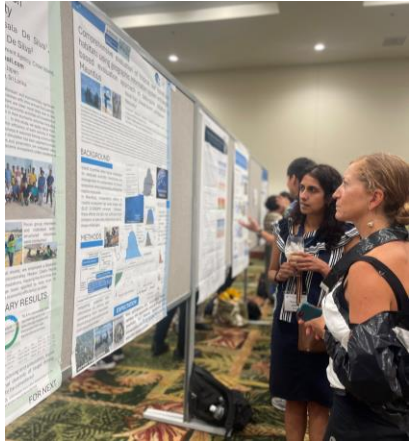
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# Science



# PICEANS



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# PICES - 2024

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## ECOP Presentation Awards



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# ECOP Presentation Awards

*FUTURE 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 2024 ECOP Presentation Awards Biological Oceanography Committee (BIO)**

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# PICES 2024 ECOP Presentation Awards

## BIO Committee

Best Oral presentation

to

Katherine Dale

on

Eastern Pacific fish spawning patterns demonstrate mixed spatiotemporal tradeoffs in response to environmental changes





# PICES 2024 ECOP Presentation Awards

## BIO Committee

Best poster presentation

to

Hikari Ozawa

on

The intra- and inter-specific overlaps of foraging sites and diet in sympatric seabirds breed on the colonies in the Tsugaru strait, Japan





# PICES 2024 ECOP Presentation Awards

## Fishery Science Committee (FIS)

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# PICES 2024 ECOP Presentation Awards

## FIS Committee

Best Oral presentation  
to

Juliette Champagnat

on

A new approach to integrate multiple environmental covariates  
into state-space stock assessments





# PICES 2024 ECOP Presentation Awards

## FIS Committee

Best poster presentation

to

Alexanra Regalado

on

A tropical sardine in a temperate environment: Understanding the biology of *Sardinella lemuru* in the northern waters of Japan





# PICES 2024 ECOP Presentation Awards

## Human Dimension Committee (HD)

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# PICES 2024 ECOP Presentation Awards

## HD Committee

Best poster presentation  
to

Hana Matsubara

on

Synergies between gender equality and sustainability in coastal  
fisheries resource use: Case studies in Japan





# **PICES 2024 ECOP Presentation Awards Marine Environmental Quality Committee (MEQ)**

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# PICES 2024 ECOP Presentation Awards

## MEQ Committee

Best Oral presentation

to

Kengo Egami

on

The role and impact of salp blooms on the removal of floating small microplastics in the Kuroshio, south of Japan





# PICES 2024 ECOP Presentation Awards

## MEQ Committee

Best poster presentation

to

Nicole McHugh

on

Investigating the spatial and temporal patterns of microplastics in the Fraser River and Burrard Inlet (British Columbia, Canada)





# PICES 2024 ECOP Presentation Awards

## Physical Oceanography & Climate Committee (POC)

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# PICES 2024 ECOP Presentation Awards

## POC Committee

Best Oral presentation

to

Nima Farchadi

on

Data integration improves model performance in a changing climate





# PICES 2024 ECOP Presentation Awards

## POC Committee

Best poster presentation

to

Daiki Ito

on

Frontogenesis elevates the maximum chlorophyll a concentration at the subsurface near the Kuroshio during well-stratified seasons





# **PICES 2024 ECOP Presentation Awards Technical Committee on Monitoring (MONITOR)**

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# PICES 2024 ECOP Presentation Awards

## MONITOR Committee

Best Oral presentation

to

Shujuan Xia

on

Long-term changes in demersal community structure of an urban bay: Transition from bottom-heavy to top-heavy pyramids





# PICES 2024 ECOP Presentation Awards

## MONITOR Committee

Best poster presentation

to

Huizi Dong

on

Anomalous edge warming and high biomass in high-latitude oceanic eddies driven by submesoscale ageostrophic motions





# **PICES 2024 ECOP Presentation Awards**

## **Technical Committee on Data Exchange (TCODE)**

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# PICES 2024 ECOP Presentation Awards

## TCODE Committee

Best Oral presentation  
to

Mayr Margaret Stoll

on

Leveraging 4-dimensionally mapped ocean biogeochemistry data  
products to Inform species distribution modeling





# PICES 2024 ECOP Presentation Awards

## TCODE Committee

Best poster presentation

to

Deniz Coskuner

on

Temporal dynamics of nearshore zooplankton communities in the  
Strait of Georgia: Implications for ecosystem health





# Thank you for your leadership!

## Prof. Enrique N. Curchitser

Chair of PICES Governing Council 2020-2024



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# Halloween Costume Winners!



Scary Category



Ocean Category



Wacky Category



Honorable Mention...





# Thank You Everyone!

Brian & Clay – AV  
Volunteers  
Partner organizations  
All Presenters and Participants!





# PICES 2025 JAPAN





Nov 7<sup>th</sup> - 16<sup>th</sup> 2025 @ Workpia YOKOHAMA  
(same place as PICES 2018!)



Mahalo  
and  
Safe Travels

