



# PICES-2023

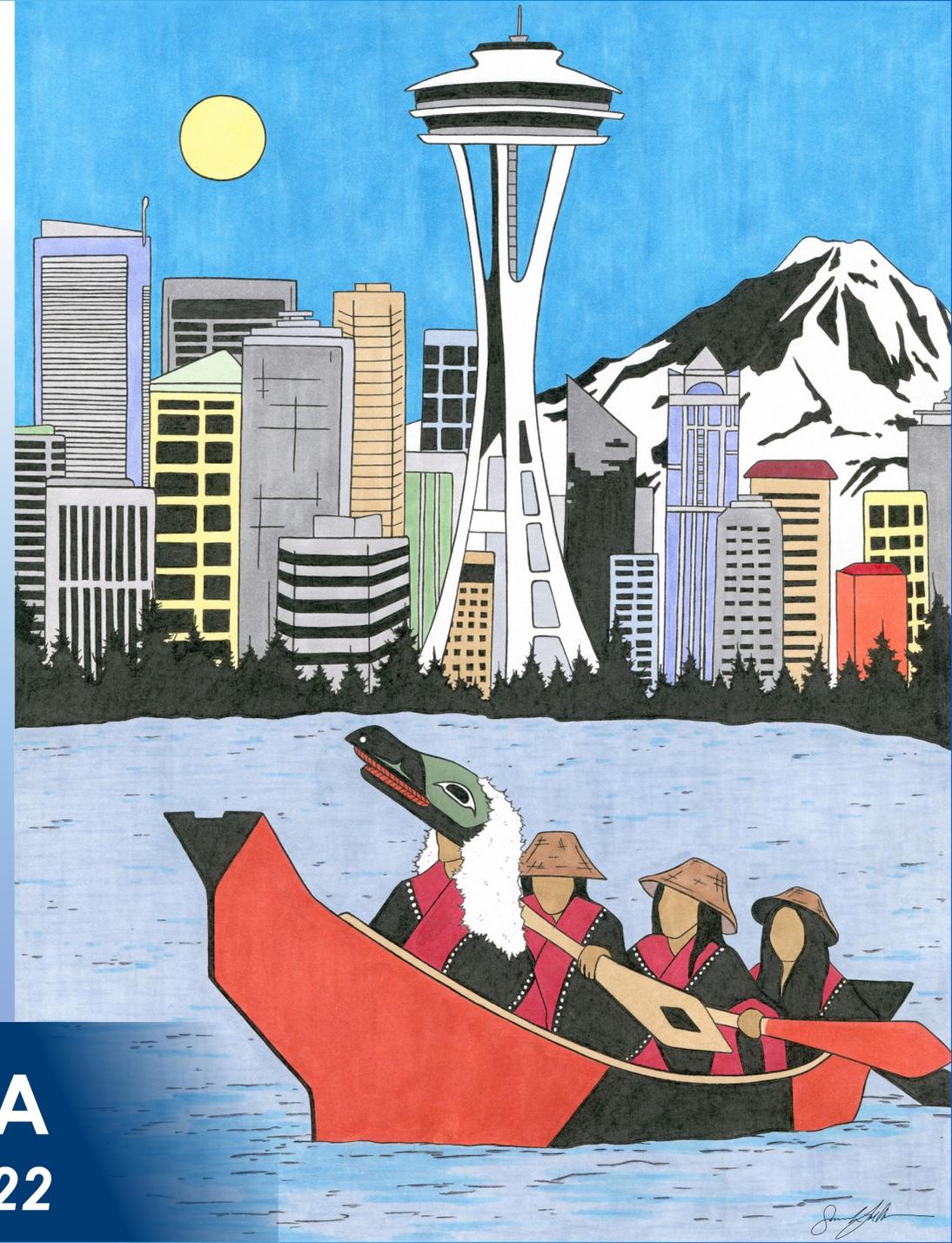


2021  
2030

United Nations Decade  
of Ocean Science  
for Sustainable Development

## *ECOP Presentation Awards*

**Oct 23–27, 2023 • Seattle, USA**  
*with pre-conference workshops Oct 20–22*





# ECOP Presentation Awards

*Science Board, FUTURE and each Committee select one oral and one poster presentations*

## Selection Criteria

- Research is primarily the presenter's
- Content is scientifically excellent
- Content is presented clearly
- Presenter responds thoughtfully to questions if asked.





# PICES-2023 ECOP Presentation Awards Science Board





# Science Board

Best oral presentation

to

**Yunzhou Li**

on

**How will China's stressed marine fisheries respond to climate change impacts? A social-ecological analysis of vulnerability and risk**





# Science Board

Best poster presentation  
to

**Kyungsik Jo**

on

**Presuming the pathways of sea turtles by using  
 $\delta^{18}\text{O}$  values from commensal barnacle shells**





# PICES-2023 ECOP Presentation Awards FUTURE





# FUTURE

Best oral presentation  
to

**Jessica Randall**

on

**Using otoliths to understand how marine  
heatwaves affect fish growth**





# **PICES-2023 ECOP Presentation Awards Biological Oceanography Committee**





# BIO Committee

Best oral presentation

to

**Anna K. McLaskey**

on

**Inter-specific differences outweigh seasonal variability  
in zooplankton trophic markers, revealing distinct roles  
within a complex food web**





# BIO Committee

Best poster presentation  
to

**H. William Fennie**

on

**Increased temperature decreases starvation  
resiliency in first feeding Sablefish  
(*Anoplopoma fimbria*)**





# **PICES-2023 ECOP Presentation Awards**

## **Fishery Science Committee**





# FIS Committee

Best oral presentation

to

**Andrea N. Odell**

on

**Spatiotemporal trends in weight and its potential  
implications for stock assessments**





# FIS Committee

Best poster presentation

to

**Luke A. Bobay**

on

**Predicting larval northern anchovy (*Engraulis mordax*)  
abundance across space and time**





# **PICES-2023 ECOP Presentation Awards**

## **Human Dimension Committee**





# HD Committee

Best oral presentation

to

**Patrick Farnole**

on

**Framework for regional downscaling of climate modelling based on a co-designed traditional seasonal calendar, with the community of Ulukhaktok**





# **PICES-2023 ECOP Presentation Awards Marine Environmental Quality Committee**





# MEQ Committee

Best oral presentation  
to

**Yaamini R. Venkataraman**

on

**Investigating the basis of thermal tolerance  
of a rapidly spreading crab**





# MEQ Committee

Best poster presentation

to

**Olivia Boisen**

on

**Assessing potential drivers for microplastic ingestion  
by myctophids caught near the Columbia River mouth**





# **PICES-2023 ECOP Presentation Awards**

## **PHYSICAL OCEANOGRAPHY & CLIMATE COMMITTEE**





# POC Committee

Best oral presentation

to

**Hikaru Homma**

on

**Distribution of acoustically detected marine organisms  
across Kuroshio Extension front associated with physical  
and biogeochemical environments**





# POC Committee

Best poster presentation

to

**Wonkeun Choi**

on

**Evaluation of marine heatwave biases in the North Pacific Ocean simulated by the CMIP6 model**





# **PICES-2023 ECOP Presentation Awards**

## **TECHNICAL COMMITTEE ON MONITORING**





# MONITOR Committee

Best oral presentation

to

**Tatsuya Sakamoto**

on

**Consideration of the population dynamics of sardines  
in the western and eastern North Pacific  
on the basis of isotope chronologies**





# MONITOR Committee

Best poster presentation

to

**Kelia E. Axler**

on

**Shifts in the distribution, size structure,  
and feeding of Arctic cod early life stages  
in a changing Pacific Arctic**





# **PICES-2023 ECOP Presentation Awards**

## **TECHNICAL COMMITTEE ON DATA EXCHANGE**





# TCODE Committee

Best oral presentation

to

**Hannah E. Kepner**

on

**Fine-scale spatial patterns of gelatinous zooplankton  
in the Northern Gulf of Alaska**





# TCODE Committee

Best poster presentation

to

**Karlee E. Zammit**

on

**Automating the acoustic detection of  
Arctic ringed seal vocalizations using deep learning**

