Since 1992



North Pacific Marine Science Organization

International collaboration for improved ocean health.



PICES is an intergovernmental science organization, to promote and coordinate marine scientific research in the North Pacific Ocean and its adjacent seas to advance scientific knowledge of the area.

6 member countries: International Collaboration

Intergovernmental Cooperation



PICES facilitates scientific knowledge creation, collaboration & sharing



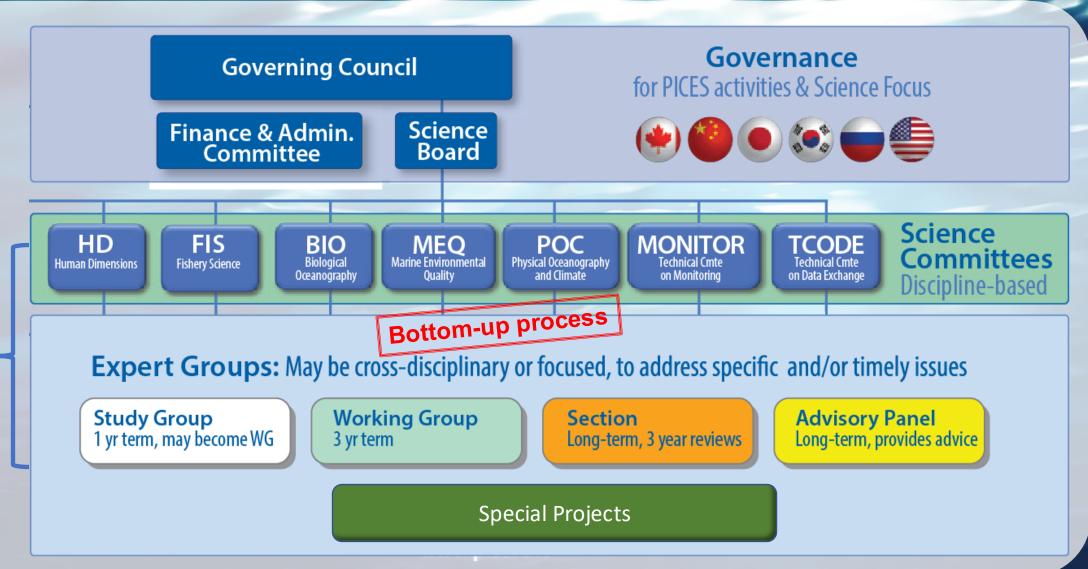




North Pacific Marine Science Organization

International collaboration for improved ocean health.







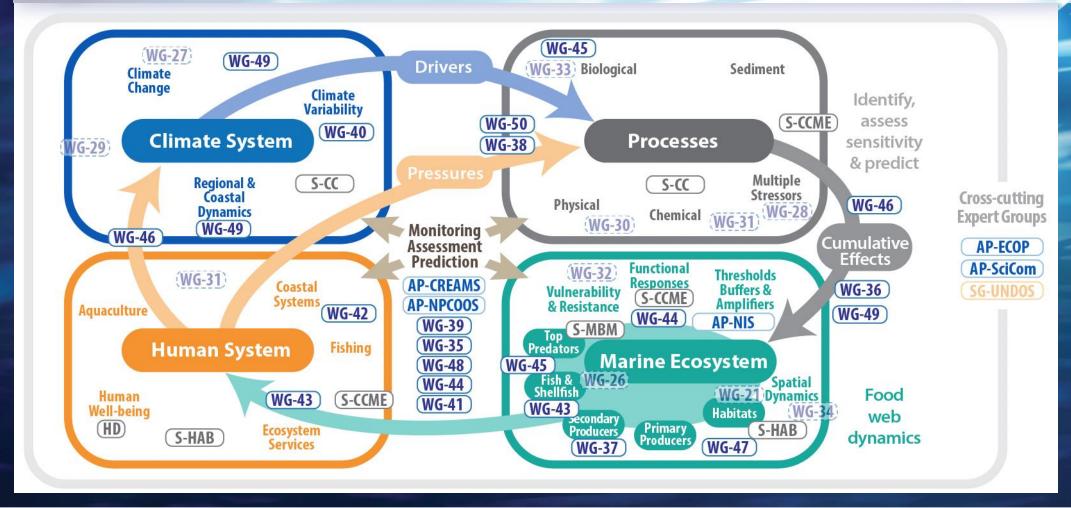
North Pacific Marine Science Organization

International collaboration for improved ocean health.



Social-Ecological-Environmental System Framework

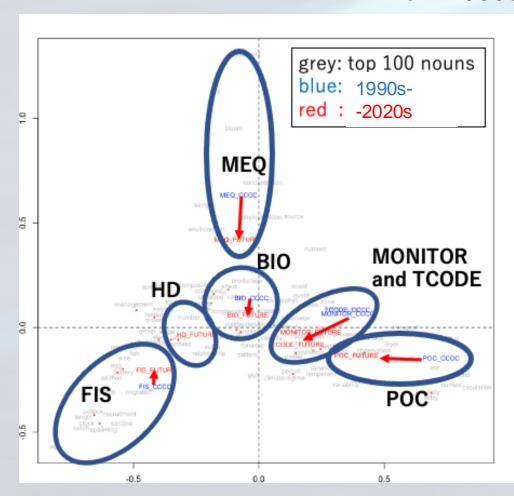
To understand the Climate System, Processes, Marine Ecosystem, and Human System in an integrated way.





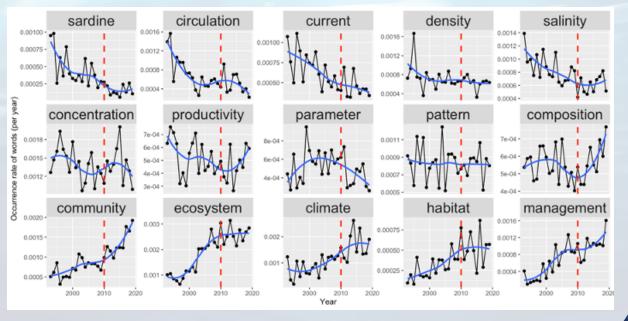
Transition of PICES: Scientific Approach

From 1990s to 2020s



From discipline-based studies to Inter- and multiple-disciplinary studies.

Basic science to applied science.



(Takemura et al, in preparation)



Transition of PICES: Demography

w.pices.in

Toward better gender balance

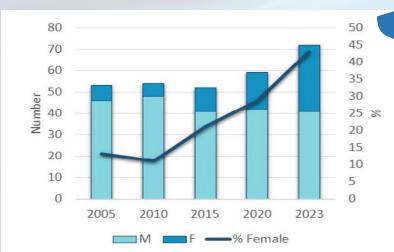
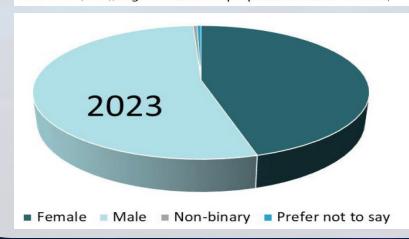


Figure 1. Number of Chairs/Co-Chairs and Vice-Chairs by gender over time (bars), together with the proportion that are female.

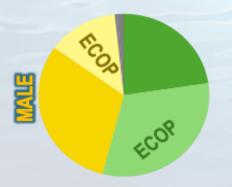


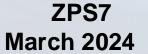
More ECOP engagement

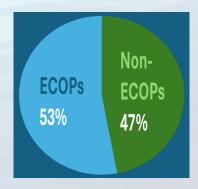
Advisory Panel

Early Career Ocean Professionals







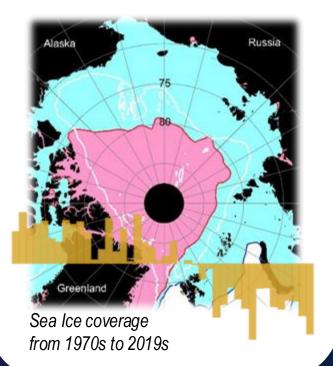


MSEAS June 2024



New Expert Groups

Advisory Panel on the Arctic Ocean and the Pacific Gateways (AP-ARC)



Working Group on Data Management (WG52)



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PICES/ICES Working Group on Sustainable Pelagic Forage Communities (WG53)





Activity Update from October 2023 to October 2024 Expand partnership



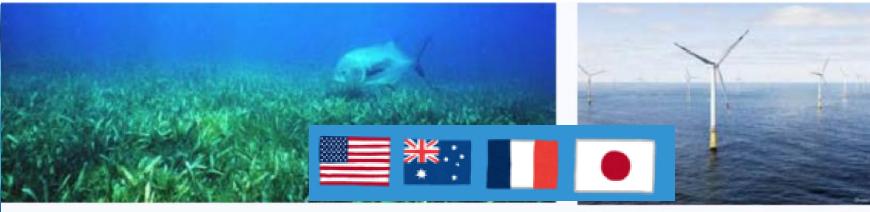
Smart





SmartNet Representation at UNDOS Conference in Barcelona





2024 UN OCEAN DECADE CONFERENCE SATELLITE EVENT 182 < 1500-1630 OF 9TH APRIL, 2024>

WHATIS THE OCEAN WE WANT?

Cartoon by artist Bas Köhler.



SmartNet Representation at UNDOS Conference in Barcelona

project information



Ocean Priority – country comparison (results of Pilot Study)

Issues to prioritize	Ocean outcome(s)	ALL	Australia	Japan •	USA	France
Reducing marine pollution	A clean ocean	73,2%	77,1%	69,0%	70,9%	75,7%
Protecting marine life from extinction	A healthy & resilient ocean	72,9%	78,1%	64,9%	73,3%	75,1%
Ensuring commercial harvesting of marine life (like fish and seagrass) in the ocean is sustainable	A productive ocean	62,8%	72,7%	45,5%	65,7%	67,3%
Improving ways of communicating information about ocean conditions and hazards to the public	A safe ocean	59,6%	63,3%	55,3%	60,1%	59,6%
Increasing public education about how human activities affect the ocean	An inspiring & engaging ocean	60,7%	68,0%	44,1%	61,7%	69,1%
Increasing clean energy (wind, solar, wave, and geothermal) in the oceans	A productive ocean	58,5%	66,1%	53,3%	61,3%	53,4%
Ensuring people have access to the ocean and its resources	An accessible ocean	44,9%	55,2%	30,8%	52,0%	41,5%
Protecting ocean-related tourism and recreation opportunities	A productive ocean	43,6%	56,1%	23,9%	48,2%	46,0%
Developing ocean-based business opportunities	A productive ocean	36,6%	45,1%	24,8%	39,7%	36,8%

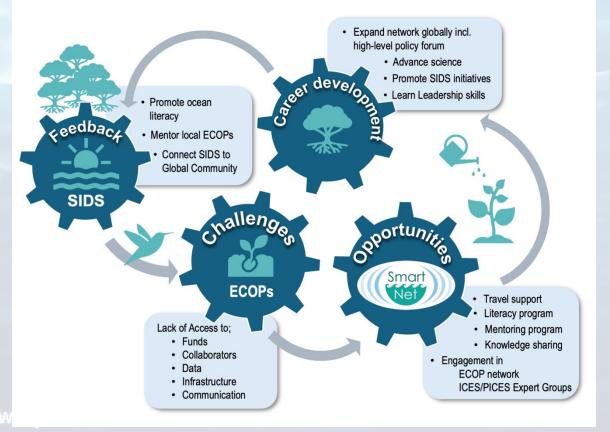


SmartNet Representation at UNDOS Conference in Barcelona

Co-sponsored side events to promote engagements of ECOPs from Small Island Developing States.



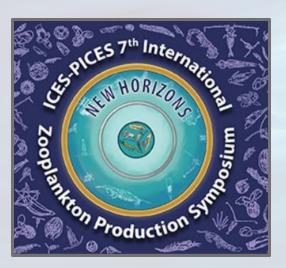
Challenges faced by SIDS ECOPs and how SmartNet supports their career development by leveraging ICES and PICES frameworks. The diagram illustrates a positive feedback loop reinforcing the capacity development of SIDS ECOPs (Chiba et al, 2024, in press)





Activity Update from October 2023 to October 2024 International Symposia

SCOR Support for PICE Sponsored International Conferences





7th International Zooplankton Production Symposium Hobart, March 2024 SCOR funded for travel support ECSs from developing countries

Recipients:

Mdluli (South Africa, M)
Ramesh (India, M)
Gunaalan (Sri Lanka, M)
Govender (South Africa, F)





Recipients:

Nazia (Bangladesh, F) Karisa (Kenya, F) Salazar (Colombia, F) Saldivar-Lucio (Mexico, M)



357 Presentations 282 Oral, 75 Posters

Activity Update from October 2023 to October 2024 International Symposia

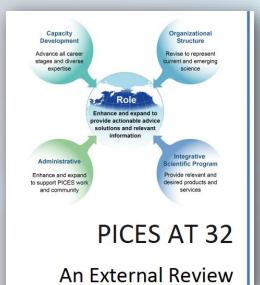




PICES-2024 Annual Meeting Oct 26-Nov 1, 2024

Highlight of PICES-2024

SPECIAL PANEL PICES Science in the Next Decade November 1



For the PICES community and Stakeholders to share ideas on PICES science directions in the next decade.

Looking Forward in a TIME of CHANGE

PICES External Review Panel Report



The FUTURE of PICES: Science for Sustainability in 2030



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North Pacific Marine Science Organization International collaboration for improved ocean health.



