

PICES WG-47 on Ecology of Seamounts



NPFC-2023-SSC BFME04-IP05

The terms of reference (TOR) are available on the PICES website at:
<https://meetings.pices.int/members/working-groups/wg47>

WG-47 is co-chaired by Dr. Mai Miyamoto-san and Dr. Janelle Curtis

- **Annual business meetings in 2023**
 - Virtual meeting on 14 September
 - In-person meeting on 25 October
 - Review of members' expertise and research interests
 - Review WG-47's TOR and anticipated contributions



WG-47 Member Research



Common interests in:

- spatial ecology of seamount fishes and invertebrates
- environmental variables that influence seamount biodiversity
- developing models to predict the distribution of seamount taxa
- genetics of seamount taxa
- identification of VMEs



WG-47's Topic Session



WG-47 convened a 1-day topic session at PICES-2023 in Seattle, USA:

Seamount biodiversity: vulnerable marine ecosystems (VMEs) and species associated with seamounts in the North Pacific Ocean.

- focus on improving understanding of seamount biodiversity
- exchanging ideas on methods to identify VME areas
- identify potential indicators for assessing and monitoring the biodiversity of seamount taxa



WG-47 Future Plans



2024:

- Complete work on Terms of Reference (TOR)
- Convene a business meeting during PICES 2024

2025:

- Write WG-47's final report and publish members' primary papers
- Submit final report by PICES 2025

