

2021 Intersessional Governing Council Decisions

(The following decisions were taken by correspondence during June 2021)

2021/S/1: Publications

- i. The following publications have been produced in, or submitted to, primary journals in 2020/2021 and are to be noted on the PICES publication pages following publication:
 - a. Barth John A., Allen Susan E., Dever Edward P., Dewey Richard K., Evans Wiley, Feely Richard A., Fisher Jennifer L., Fram Jonathan P., Hales Burke, Ianson Debby, Jackson Jennifer, Juniper Kim, Kawka Orest, Kelley Deborah, Klymak Jody M., Konovsky John, Kosro P. Michael, Kurapov Alexander, Mayorga Emilio, MacCready Parker, Newton Jan, Perry R. Ian, Risien Craig M., Robert Marie, Ross Tetjana, Shearman R. Kipp, Schumacker Joe, Siedlecki Samantha, Trainer Vera L., Waterman Stephanie, Wingard Christopher E., 2019: Better Regional Ocean Observing Through Cross-National Cooperation: A Case Study from the Northeast Pacific, *Frontiers in Marine Science*, 6, [doi:10.3389/fmars.2019.00093](https://doi.org/10.3389/fmars.2019.00093)
 - b. Lee, E. A., S. Y. Kim, and H. S. Min, 2019: Climatological descriptions on regional circulation around the Korean Peninsula, *Tellus A: Dynamic Meteorology & Oceanography*, 71:1, 1 - 22 doi: <https://doi.org/10.1080/16000870.2019.1604058>
 - c. [Frontiers in Marine Science special issue on North Pacific Climate and Ecosystem Predictability on Seasonal to Decadal Timescales](#) resulting from the 2019 Qingdao workshop and papers from the PICES-2019 Annual Meeting in Victoria. Editors: S. Minobe, A. Capotondo, F. Chai, M. Jacox, M Nonaka, and R. Rykaczewski.
 - d. WG-39 Publications Update: 2020 ICES/PICES/PAME Working Group on Integrated Ecosystem Assessment (IEA) for the Central Arctic Ocean (WGICA). ICES Scientific Reports. 2:79. 144 pp. <http://doi.org/10.17895/ices.pub.7454>
 - e. Hallegraeff, G.M., Anderson, D.M., Belin, C., Bottein, M-Y.D, Bresnan, E., Chinain, M., Enevoldsen, H., Iwataki, M., Bengt, K., McKenzie, C.H., Sunesen, I., Pitcher, G.C., Provoost, P., Richardson, A., Schweibold, L., Tester, P.A., Trainer, V.L., Yñiguez, A.T., Zingone, A. "Perceived global increase in algal blooms is attributable to intensified monitoring and new impacts" *Nature Communications, Earth & Environment*. 1-10. <https://doi.org/10.1038/s43247-021-00178-8>
 - f. WG-43 Review Paper: Peck, M. A., Alheit, J., Bertrand, A., Catalán, I. A., Garrido, S., Moyano, M., ... & van der Lingen, C. D. (2020). Small pelagic fish in the new millennium: A bottom-up view of global research effort. *Progress in Oceanography*, 102494. <https://doi.org/10.1016/j.pocean.2020.102494>
 - g. Trainer, V.L., Batten, S., Bograd, S.J., Chiba, S., Satterthwaite, E.V., Waters, L., Schmidt, J., Johannesen, E., Karp, W., Brusendorff, A.C. 2021: Championing Ocean Diversity: Introducing the SMARTNET Ocean Knowledge Network - Accessible, Diverse, and Solution-Oriented. *Eco Magazine, UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT SPECIAL ISSUE*. 228-231. <http://digital.ecomagazine.com/publication/?i=707374&ver=html5&p=228>

2021/S/2 Current Expert Groups

The following changes to Expert Groups were approved:

- i. SG-SciCom (HD): Dr Aoi Sugimoto (Japan) be confirmed as Chair of the SG-SciCom

- ii. WG-48 (BIO) requests the addition of Piotr Margonski as an ex officio member of the WG from ICES

2021/S/3 New Expert Groups

Governing Council approved the establishment of the following new Joint Study Group with terms of reference as provided in Appendix 1. Council is asked to appoint members to this SG:

- i. SG-APN-PICES (SB). Joint APN-PICES Study Group on Scientific Cooperation in the Pacific Ocean.

2021/S/4: Capacity Building Activities

Council approved deferral of support for previously approved Capacity Building activities that have been impacted by the COVID-19 pandemic:

- i. The previously approved \$10,000 funding to support travel of PICES Early Career Scientists to the SOLAS Summer School in Cape Verde be deferred from 2021 to 2023.
- ii. The previously approved \$15,000 support for the AP-NPCOOS summer school be deferred to 2022, for the AP-NPCOOS Ocean Big Data virtual summer school with the funds being prioritised to facilitate student participation.

Proposed Joint APN-PICES Study Group on Scientific Cooperation in the Pacific Ocean

Motivation

The Asia-Pacific Network for Global Change Research (APN) and North Pacific Marine Science Organization (PICES) are Intergovernmental Organizations with shared goals, particularly in terms of supporting international cooperation in research and capacity development, and overlapping geographic regions of focus. Furthermore, through reciprocal participation at their most recent Annual Meetings both organizations have identified the need to strengthen partnerships with other organizations. A Framework for Scientific Cooperation could be developed to describe such a partnership between APN and PICES, and to undertake this development a Study Group is proposed with the structure and Terms of Reference outlined below.

Statement of Purpose

The purpose of a joint APN-PICES Study Group for Scientific Cooperation of PICES and APN is to develop a framework of enhanced collaboration between the two organizations that will improve the ability to generate new knowledge and understanding of sustainability challenges in the Pacific, building on the PICES Strategic Plan ([PICES-Strategic-Plan-Oct-2016.pdf](#)), APN 5th Strategic Plan, and addressing the objectives of the United Nations Decade of Ocean Science for Sustainable Development. The Study Group will review each organization's scientific needs and goals and identify where similar key priorities or scientific issues might be explored jointly by both organizations.

Study Group Structure

Within PICES, Study Groups are established and approved by the Governing Council for a period not normally exceeding one year and with specific terms of reference to consider scientific, policy, and/or advisory issues of interest to the Organization and to provide recommendations on such issues. Past Study Groups convened to develop similar collaboration frameworks have consisted of members from the Secretariats concerned, together with scientists from relevant groups

within each organization. In this case science members might be suggested from the PICES FUTURE Program Scientific Steering Committee and the Science Board, and the APN Pacific Sub-Regional Committee, for example. PICES may elect to have a representative from each member country participate, following typical practice, but this is not required.

APN members proposed	PICES members proposed
<ol style="list-style-type: none"> 1. Dr Luis M. Tupas, national Focal Point (nFP) and Scientific Planning Group (SPG) member of the USA; 2. Dr. Douglas Hill, nFP and SPG member of New Zealand; 3. Dr Lance C. Heath, Steering Committee member; 4. Mr Yukihiro Imanari, APN Secretariat, 5. Mr Vineil Narayan, nFP of Fiji 	<p>Sonia Batten (Executive Secretary, PICES Secretariat)</p>

Terms of Reference:

1. Review areas of scientific interests and existing and planned activities of each organization
2. Develop a list of potential priority areas of cooperation
3. Identify potential collaborative mechanisms such as reciprocal consultations, representation at each other’s meetings, joint workshops and symposia, joint Working Groups etc.
4. Propose practical steps for cooperation between the organizations in the near future
5. Draft the Memorandum of Understanding or Framework for Scientific Collaboration between APN and PICES.