



PICES and the International Pacific Halibut Commission

“The North Pacific Marine Science Organization (PICES) engages scientists in trans-disciplinary multi-national collaborations to further our collective understanding of the North Pacific’s natural systems and enhance ecological and social resilience of our coasts and oceans”

PICES Strategic Plan - 2016

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PICES



Intergovernmental science organization

Established 1992

Purpose

to promote and coordinate marine scientific research in the North Pacific Ocean and its adjacent seas in order to advance scientific knowledge of the area.

PICES Member countries

Canada

Japan

People's
Republic of
China

Republic of
Korea

Russian
Federation

United States
of America



How does PICES function?

- Governing Council (National Delegates) provides oversight,
- Secretariat manages day-to-day activities,
- Science Board sets scientific priorities,
- PICES Expert Groups conduct and oversee most of the work
 - Scientific and technical committees, Sections, Working Groups, Advisory Panels and Study Groups
 - Scientific Steering Committee for PICES' current 10+ year integrated science program (FUTURE)

Some history

- 1992 - IPHC included on PICES list of most relevant organization for partnerships
- 1999 - IPHC (Steve Hare) co-convenor of Symposium on “*Nature and impacts of North Pacific climate regime shifts*”
 - Special Issue in Progress in Oceanography
- 2000 – IPHC, SCOR and PICES co-sponsor *Beyond El Niño* Conference
 - LARGE Special Issue in Progress in Oceanography
- 2000 – PICE – IPHC MoU signed

More history...

- 2001 - IPHC participated in the PICES/CoML/IPRC workshop on “*Impact of climate variability on observation and prediction of ecosystem and biodiversity changes in the North Pacific*”
 - PICES Scientific Report No. 18
- 2004 – IPHC provided data for North Pacific Ecosystem Status Report (NPESR)
 - PICES Special Publication No. 1

More history...

- 2010 - IPHC co-sponsored the PICES/ICES/FAO symposium on “*Climate change effects on fish and fisheries: Forecasting impacts, assessing ecosystem responses, and evaluating management strategies*”
 - special issue of *ICES Journal of Marine Science*
- 2012 -IPHC co-sponsored [\$6,000] the second PICES/ICES/IOC symposium on “*Effects of climate change on the world’s oceans*”
 - special issue of *ICES Journal of Marine Science*



Opportunities for Collaboration

- Co-sponsor Symposia or Sessions
 - e.g. 4th International Symposium on the Effects of Climate Change on the World's Oceans in 2018
- Contribute data and analysis to North Pacific Ecosystem Status Report
 - and gain from the “big picture”
- Participate in PICES Summer Schools
 - 2017 - “Advanced survey approaches for broad scale fishery independent surveys of fish and their habitat”.
 - 2017 - “Coastal Ocean Observing Systems and Ecosystem Monitoring
- Request *ex-officio* status on relevant PICES Expert Groups



PICES Expert Groups

- **ICES/PICES joint expert group on Climate Change and Marine Ecosystems**
- **Working Group on North Pacific Ecosystem Status Report #3**
- Advisory Panel on Non-Indigenous Species
- Human Dimensions Committee
- Study Group on Marine Ecosystem Services (SG-MES)
- **Working Group on Ecosystem Reference Points across PICES Member Countries**
- **Working Group on Climate and Ecosystem Predictability**
- Working Group on Zooplankton Production Methodologies, Applications and Measurements in PICES Regions



Recommendations

- PICES and IPHC review opportunities for collaboration
- Based on review, consider “refreshing” the MoU, if this is required.



Questions?

Check out our videos at:

<http://www.pices.int/publications/video>



North Pacific Marine Science Organization (PICES) structure for 2016-2017

