

BIO Committee Meeting Draft Agenda

PICES 2016, San Diego, USA

Sunday, November 6, 2016, 18:00-20:00

Wednesday, November 9, 2016, 14:00-18:00

1. Welcome, introductions, opening remarks
2. Membership changes: Dr. Julie Keister is as a new member of BIO Committee replacing Dr. Michael P. Seki and representing the USA
3. Changes to, adoption of, agenda and appointment of rapporteur
4. Annual review of BIO activities
 - a) 2016 PICES BIO Paper/Topic Sessions and Workshop and selection of judges for BIO Best Presentation (from S2 and S5) and Poster Award (from S2, S5, BIO-P1 and BIO-P2)

| Title | Convenors | Invited speakers | Duration (day) | Date | Committees (Sponsors) |
|--|--|--|----------------|------------|-----------------------------|
| <i>S2: Early Life History Stages as Indicators and Predictors of Climate Variability and Ecosystem Change</i> | Richard Brodeur (USA) Tony Koslow (USA) Ian Perry (Canada) Moto Takahashi (Japan) | Janet Duffy-Anderson (USA) Jon Hare (USA) Akinori Takasuka (Japan) | 1 | Nov. 10 | BIO/ TCODE/ FIS |
| <i>S5: Understanding our Changing Oceans through Species Distributions and Habitat Models based on Remotely Sensed Data</i> | Patrick O'Hara (Canada) Elliott Hazen (USA) Sei-Ichi Saitoh (Japan) Yutaka Watanuki (Japan) | Robert Suryan (USA) | 1 | Nov. 8 | BIO/ MONITOR/ MEQ |
| <i>S6: What Factors make or break Trophic Linkages?</i> | Elliott L. Hazen (USA) Jameal Samhoury (USA) Shin-Ichi Ito (Japan) Jennifer Boldt (Canada) | Masashi Kiyota (Japan) Kenneth Rose (USA) | 1 | Nov. 8 | POC/MEQ/ MONITOR/ BIO |
| <i>S12: Causes and Consequences of 25 Years of Variability in Ocean Conditions on the Ecosystems of the North Pacific</i> | Bill Peterson (USA) Jack Barth (USA) Sanae Chiba (Japan) Yury Zuenko (Russia) | Emanuele Di Lorenzo (USA) Art Miller (USA) | 1 | Nov. 10 | MONITOR/ BIO/TCOD E |
| <i>BIO Poster Session 1 Recent Progress in Deep-Sea Research and Conservation: Lessons from Various Parts of the Globe</i> | Alexei Orlov (Russia) Tony Koslow (USA) Orio Yamamura (Japan) Evgeny Pakhomov (Canada) | | 4 | Nov. 7- 10 | BIO |
| <i>BIO Contributed Poster Session 2</i> | Angelica Peña (Canada) Se-Jong Ju (Korea) | | 4 | Nov. 7- 10 | BIO |
| <i>W3: Distributions of habitat-forming coral and sponge assemblages in the North Pacific Ocean and factors influencing their distributions (2 days)</i> | Kwang-Sik Choi (Korea) Janelle Curtis (Canada) Masashi Kiyota (Japan) Chris Rooper (USA) | Hiroya Yamano (Japan) | 2 | Nov. 2 - 3 | BIO |
| <i>W6: Consumption of North Pacific forage species by marine birds and mammals</i> | Andrew Trites (Canada) Elliott Hazen (USA) Tsutomu Tamura (Japan) Yutaka Watanuki (Japan) | Julie Thayer | 1 | Nov. 3 | BIO |

- b) 2016 Inter-sessional symposia/sessions/workshops/meetings
 - PICES/ICES 6th International Zooplankton Production Symposium “New Challenges in a Changing Ocean” (May 9-13 2016, Bergen, Norway). Conveners: Atsushi Tsuda (Japan, PICES), Padmini Dalpadado (Norway, ICES) and Astthor Gislason (Iceland, ICES).
- c) Publications
 - Final report of the WG 26 on “Jellyfish Blooms around the North Pacific Rim: Causes and Consequences” (Editors: S. Uye and R. Brodeur).
 - PICES Scientific Report of MBM-AP on “Spatial ecology of marine top predators in the North Pacific: tools for integrating across datasets and identifying high use areas” (Editors: Y. Watanuki, R. Suryan, H. Sasaki, T. Yamamoto, E. Hazen, M. Renner, J.A. Santora, P.D. O’Hara, W.J. Sydeman).
- d) Reports in preparation:
 - Final report of the WG 28 on “Development of Ecosystem Indicators to Characterize Ecosystem Responses to Multiple Stressors” (Motomitsu Takahashi)
 - Final report of the WG 29 on “Regional Climate Modeling” (Chan Joo Jang)
- 5. Progressive reports and future plans of BIO active groups
 - a) S-CCME: Joint PICES/ICES Section on *Climate Change Effects on Marine Ecosystems* (Shin-ichi Ito or A. Hollowed)
 - b) S-CC: Section on *Carbon and Climate* (T. Ono)
 - c) S-MBM: Section on *Marine Birds and Mammals* (R. Ream)
 - d) WG32: Working Group on *Biodiversity of Biogenic Habitats* (M. Kiyota)
 - e) WG33: Joint PICES/ICES Working Group on *Climate Change and Biologically-driven Ocean Carbon Sequestration* (R. Rivkin or N. Jiao)
- 6. Relation with other international organizations/programs
 - ESSAS (Franz Mueter)
 - IMBER (Gro van der Meeren)
- 7. Review of PICES Standing Committees by Science Board (SB)
- 8. FUTURE Program
 - a) Update on FUTURE Science Program (Sinjae Yoo)
 - b) Discuss ideas on how to display and raise the prominence of FUTURE
- 9. Status of North Pacific Ecosystem Status Report (Se-Jong Ju)
- 10. Review proposals of new Expert Groups
 - a) Working Group proposal on “Zooplankton Production Methodologies, Applications and Measurements in PICES regions” (T. Kobari or A. Sastri)
- 11. Planning PICES 2017 Annual Meeting “Environmental Changes in the North Pacific and Impacts on Biological Resources and Ecosystem Services” Vladivostok, Russia, Dates TBA
 - BIO related sessions and workshops: discuss ranking and sponsorship

- New system of funding and prioritizing invited speakers. Provide feedback to SB
12. Proposed inter-sessional meetings for end of 2016 and beyond
 - a) PICES/ICES Symposium on “*Drivers of dynamics of small pelagic fish resources*” (March 6-11 2017, Victoria, Canada). BIO recommended Bill Peterson as SSC member.
 - b) PICES/ICES Early Career Scientist Conference on “*Climate, Oceans and Society Challenges & Opportunities*” (May 30 – June 2, 2017, Busan, Korea).
 - c) NPFC Workshop on “Pacific Saury Stock Assessment” (December 13-15, 2016, Busan, Korea). Looking for a PICES representative from BIO and/or FIS to attend the workshop.
 13. Documenting business meetings, topic sessions and workshops
 14. Election of new Chairperson of BIO
 15. Other business
 16. Adoption of BIO report and recommendations to Science Board