

2016 PICES 25, San Diego USA POC Committee Meeting Agenda

Sunday, November 6, 2016, 18:00-20:00, Gaslamp Room 3, 4th Floor

Wednesday, November 9, 2016, 14:00-18:00, Gaslamp Room 3, 4th Floor

1. Welcome, introductions, opening remarks

2. Membership status

i. USA membership change: Emanuele Di Lorenzo replacing Enrique Curchitser

Canada: James Christian, Michael Foreman (vice-chair), Charles Hannah

China: Fangli Qiao, Fan Wang, Lei Zhou

Japan: Daisuke Hasegawa, Shin-ichi Ito, Hiromichi Ueno

Korea: Kyung-Il Chang (chair), Chan Joo Jang, Hee-Dong Jeong

Russia: Vyacheslav Lobanov, Elena Ustinova, Yury Zuenko

USA: Steven Bograd, Emanuele Di Lorenzo, Jerome Fiechter

3. Changes to, adoption of, agenda and appointment of rapporteur

4. Completion of 2015 PICES decisions

(1) 2016 PICES POC Co-sponsored Poster/Topic Sessions and Workshops

ID	Title	Conveners	Time	Committee Sponsors	Invited Speakers
	POC Poster	Kyung Il Chang Mike Foreman	Tuesday, November 8	POC	
S6	What Factors Make or Break Trophic Linkages?	Elliott L. Hazen Jameal Samhour Shin-Ichi Ito Jennifer Boldt	Tuesday November 8	POC/MEQ/MONITOR/BIO	Masashi Kiyota (Japan) Kenneth Rose (USA)
S7	New Stage of Ocean Acidification Studies: Responses of Oceanic Ecosystem including Fisheries Resources	Tsuneo Ono Jun Kita Debby Ianson John Pinnegar	Tuesday November 8	POC/TCODE/MEQ	John Pinnegar (UK) George Waldbusser (USA) Steve Widdicombe (UK)
S11	Advances in Understanding and Modeling of Physical Processes in the North	Shin-ichi Ito Kyung-Il Chang Steven Bograd	Tuesday November 8, Wednesday November 9	POC	Michael Foreman (Canada) Jerome Fiechter (USA) Vyacheslav Lobanov (Russia)

	Pacific in the Past 25 Years of PICES and Future Directions				Ichiro Yasuda (Japan)
W1	Acidification of the North Pacific Ocean: a basin-wide assessment	James Christian Tsuneo Ono	Thursday November 3	POC	Karen Kohfeld (Canada)
W8	Mesoscale and submesoscale processes in the North Pacific: history and new challenges	Kyung-Il Chang Hiromichi Ueno Annalisa Bracco	Friday November 4	POC	Sachihiko Itoh (Japan) Naomi M. Levine (USA)
W9	The role of the northern Bering Sea in modulating Arctic environments: towards international interdisciplinary efforts	Lisa Eisner Matthew Baker Kirill Kivva	Thursday November 3	POC, NPRB	Seth Danielson (USA) Kirill Kivva (Russia) Alexander Zavolokin (NPFC)

(2) 2016 Inter-sessional symposia/sessions/workshops/meetings/events

- Summer School: Coastal vulnerability and freshwater discharge (Joji Ishizaka, Nagoya University), November 27 – December 10, 2016, Nagoya University, Japan
- AP-CREAMS: May 12-13, 2016, Vladivostok

(3) Travel and representation at meetings of other organizations/programs

- Summer school at Nagoya University: Requested support for travel & local costs for 5 students and 1 lecturer from PICES countries. PICES is supporting 3 ECS (1 Russian, 2 Korean).
- SCOR WG 40 - BEPSII requested travel support to attend 2016 BEPSII meeting in Paris, France, 16-18 March, 2016 (Jim Christian). PICES supported Lisa Miller as PICES affiliate member to attend.
- Requested support for PICES speaker at 2016 CLIVAR OSC in Qingdao, China, September 15-23. (Valery Detemmerman, Enrique Curchitser). PICES supported 2 US and 1 Korean ECS to attend.
- POC recommended co-sponsoring the SCICOM ranking 2 proposal at ICES ASC 2016: Seasonal-to-decadal prediction of marine systems: Opportunities, approaches, and applications. This was supported by SB/PICES – Desiree Tommasi (USA) was a convenor representing PICES.

- 3rd PICES/ICES Early Career Scientist Conference]: POC recommended Michael Jacox (mjacox@uscs.edu) as a potential sessional convener for – Ecosystem response to physical forcing, physical-biological coupling. Three other PICES members were selected as session conveners but not Michael.

(4) Publications

- Final Report of WG 27 on *North Pacific Climate Variability and Change*. Mike to present Emanuele Di Lorenzo’s status report.
- Final Report of WG 29 on *Regional Climate Modeling*. Chan Joo Jang will report on the status.
- Report on “Oceanography of the Yellow and East China Seas (EAST-II region)” (Editors: J. Ishizaka, T. Matsuno, J. Zhang, J.-H. Lee, S. Kim, D. Xu, Y. Fei, S.-M. Liu, V. Lobanov); AP-CREAMS. Vyacheslav Lobanov will report on the status.
- Supplementary Chapter of PICES NPESR 2003-2008. Vyacheslav Lobanov will report on the status.

5. Progress reports and future plans of POC active groups

- (1) Section on *Carbon and Climate* (Jim Christian). [NB. POC will be the parent committee responsible for giving short report on progress at the SB meeting.]
- (2) Joint PICES/ICES Section on *Climate Change Effects on Marine Ecosystems* (Shin-ichi Ito). [NB. FIS will be the parent committee responsible for giving short report on progress at the SB meeting.]
- (3) Advisory Panel on *CREAMS/PICES Program in East Asian Marginal Seas* (Y. Zuenko). [NB. POC will be the parent committee responsible for giving short report on progress at the SB meeting.]

6. Relationships with other international organizations/programs

- Argo (Megan Scanderbeg, mscanderbeg@ucsd.edu)
 - CLIVAR: Nico Caltabiano (Mike to present)
 - NEAR-GOOS: Hee-Dong Jeong or Vyacheslav Lobanov
 - ESSAS: Ken Drinkwater
 - ICES: Ken Drinkwater
 - ASC 2017 topic sessions; do we have a list so we can prioritize support?
 - SCOR
 - WG 140 BEPS II (Jim Christian on behalf of Lisa Miller?)
 - Review of new SCOR WG proposals. The site http://scor-int.org/SCOR_EC_2015.html lists those for 2015 but doesn’t seem to be another list for 2016.
- Other (IOCCP ?)

✓ **POC action: rate proposals; ‘must fund’, ‘may fund’, ‘do not fund’**

- ✓ **POC action: decide to support any session & rank**

7. FUTURE

- (1) FUTURE SSC plan and activities (Steven Bograd, from Nov 5-6)
- (2) What is POC required to do? (all)

8. **Planning 2017 PICES; Vladivostok, Russia; *Environmental Changes in the North Pacific and Impacts on Biological Resources and Ecosystem Services***; <http://pices.int/meetings/annual/PICES-2017/2017-theme.aspx>

- (1) POC-related topic sessions (*will be listed in Appendix I but none yet*)
 - i. Send submissions to <https://www.pices.int/meetings/annual/PICES-2017/2017-theme.aspx>
 - ii. Deadline: before committee meetings on November 9, 2016
- (2) POC-related workshops: (*will be listed in Appendix II but none yet*). NB. Same Nov 9 as for topic sessions.
- (3) Business meetings (POC and associated expert groups)
 - **POC action: select topic session(s) and allocate fund**

9. North Pacific Ecosystem Status Report

- i. Phil Mundy or Peter Chandler to give status report & next steps; Phil is giving a plenary talk on Tuesday
 - **POC action:**

10. Elect new POC Chairman and Vice Chairman

- i. Nomination of Sunday, voting on Wednesday (Hal must be present as PICES representative)

11. Proposals for publication in 2017 and beyond

- i. S-CC to publish basin-wide ocean acidification assessment as a PICES Scientific Report in late 2016 or early 2017 with highlights summarized in a peer-reviewed publication
- ii. Others ?

12. Proposals for new working groups, study groups, and special projects:

- (1) WG: Meso- and submesoscale eddies (K.-I. Chang). Proposal/TOR to come from W8 (Nov 4).
 - i. Dr. Hiromichi Ueno is preparing the TOR
- (2) WG: Operational forecasting in the North Pacific (Fangli Qiao). Blended into new joint SG with CLIVAR on Climate and Ecosystem Predictability (CEP); see below.
- (3) Study group on Climate predictions in upwelling ecosystems (Emanuele Di Lorenzo); also blended into SG-CEP?
- (4) SG-Ecosystem reference points as a common currency across PICES member countries. Renamed as SG on Common Ecosystem Reference Points led by Eliot Hazen.
- (5) WG-Climate change and biologically-driven ocean carbon sequestration (PICES/ICES). Done,

WG33.

(6) Interannual- & decadal-scale predictions of ocean conditions from SG-CEP. Became joint SG with CLIVAR on Climate and Ecosystem Predictability. Nick Bond is Chair.

- **POC action: support or not; how to proceed**

13. Requests from and to existing expert groups

i. S-CC (Jim Christian) requests funds to complete the acidification assessment report (e.g., hire a graphic designer) arising from W1 (Nov 3). See item 11.

14. **Proposals for new meetings, workshops, symposia, conferences with PICES as organizer or co-sponsor** [Title, Location, Date, Purpose of participation, How it aligns with PICES goals, Funding/participation request]

(1) Will be listed in Appendix IV but none yet

- ✓ **POC action: decide to support and supporting level; which theme(s)**

15. Upcoming meetings requesting POC input (Shin-ichi Ito)

i. Scoping Meeting for the IPCC Special Report on Climate Change, the Oceans, and the Cryosphere (6-9 December 6-9, 2016, Monaco)

ii. JpGU-AGU Joint Meeting 2017 (May 20-25, 2017, Makuhari, Japan) Marine ecosystem and biogeochemical cycles: theory, observation and modeling

16. Priority of items with funding implications

(1) Inter-sessional meetings/workshops/symposia for 2017 and beyond

- S-CCME
- S-CC
- AP-CREAMS
- Other?

- **POC action: decide to support or not**

■ **PICES/ICES Early Career Scientists Conference (3rd)**, Climate, Oceans and Society Challenges and Opportunities; <http://meetings.pices.int/meetings/international/2017/early-career/scope>

- Dates: May 30 to June 2, 2017
- Venue: Busan, Korea
- Number of participants expected: 288
- SSC members (Coveners) (3 from PICES, 3 from ICES): Tae Wook Kim (Korea)
- Senior advisers: K.-I. Chang (POC Chair), Chul Park (PICES Vice-Chair, Korea), Brian Black (USA, SSC member at 2nd ECS Conference)
- Support: full coverage of local costs (accommodation, meal), partial travel supports
- Timeline (tentative): circulate a brochure including theme and sessions at 2016 ISB meeting

- ✓ **POC action: recommend convener(s)**

- (2) Requests for other travel support

■

17. 2015 POC Best Presentation and Poster Award (we need to pick judges)

- (1) Eligibility

- Oral – 1st author & presenter should be early career scientist.
- Poster – previously no age limit but for this meeting limited to only ECS

- (2) Sessions

- POC judging will be for POC Poster, S7 and S11 ECS orals and posters, and any ECS posters arising from W1, 8, 9. (Tentatively POC will be responsible for judging total of 9 ECS orals and 5 ECS posters)]
- Evaluation sheet. [Rosalie will provide hard copies in SB mail folder in Secretariat room at meeting/ and can also send electronically if requested.]

18. Documenting business meetings, topic sessions and workshops

- (1) Business meeting summary (CREAMS-AP, S-CC, S-CCME) – Chairs are asked to submit the summary reports to secretariat within 1 month after the annual meeting.
- (2) Topic session summary - Conveners, to secretariat, before the end of the annual meeting [in best scenario]: POC Poster (Mike), S7 (Debby or Jim), S11(Shin-ichi or Steven). [Hal will contact all conveners for summaries, but good to be proactive and give heads up to conveners that they will need to prepare a short summary of what was presented, (not necessarily paper by paper) and their impressions, and maybe their opinions on what direction they think the research will go in regard to the session outcome.]

19. Other business ?

20. Adoption of POC report and recommendations to Science Board

Appendix I: Topic session proposals: 2017 PICES Annual Meeting

Appendix II: Workshop proposals: 2017 PICES Annual Meeting

Appendix III: SG-NPESR Information

Appendix IV: Inter-session Workshops: Scheduled or New Proposals

1. Special Report on Climate change and the oceans and the cryosphere, <http://www.ipcc.ch/report/srocc/>
 - Scoping meeting at Monaco, Dec. 6-9, 2016.
 - Background: At its 43rd Session (Nairobi, Kenya, 11 – 13 April 2016), the IPCC Panel decided to prepare a special report on climate change and the oceans and the cryosphere. The Special Report will be developed under the joint scientific leadership of Working Groups I and II with support from the WGII TSU. A call for expert nominations was issued to Governments, Observer Organizations and IPCC Bureau members on 17 June 2016, requesting them to submit nominations via their focal points before Friday, 29 July 2016 midnight CEST.
2. Session Proposal for JpGU-AGU Joint Meeting 2017 (May 20-25, 2017, Makuhari, Japan)
 - Title: Marine ecosystem and biogeochemical cycles: theory, observation and modeling
 - Convenors
 - i. Takafumi Hirata (Hokkaido Univ.)
 - ii. Eileen E. Hofmann (Old Dominion Univ.)
 - iii. Enrique Curchitser (Rutgers. Univ.)
 - iv. Shin-ichi Ito (Univ. of Tokyo)
 - Description and Objectives: The ocean surface occupies 70 % of the earth's surface and supports large and diverse ecosystems, which change in response to climate and human-induced drivers and stressors. Understanding potential changes in marine ecosystems requires knowledge of the biogeochemical cycles and their coupling with ecosystem and circulation processes. The complexity of marine ecosystems requires research that integrates in situ, laboratory, and satellite observations with numerical modeling over a wide range of space and time scales. Thus, interdisciplinary marine biogeochemical and ecosystem studies are integral components of earth system sciences. This session aims to introduce the latest advances in interdisciplinary marine biogeochemical and ecosystem studies, highlight their role in earth system science and communication and collaboration among scientists from a range of disciplines.