

Report of the Advisory Panel for a *CREAMS/PICES Program* in East Asian Marginal Seas

The meeting of the Advisory Panel for a *Circulation Research in East Asian Marginal Seas* (AP-CREAMS) was held from 18:00 to 20:00 h on October 16, 2015 in Qingdao, China. Ten Panel members and two observers attended the meeting (*AP-CREAMS Endnote 1*).

AGENDA ITEM 1

Opening remarks

Dr. Kyung-Ryul Kim, Co-Chairman of AP-CREAMS, opened the meeting and after greeting participants, reviewed the agenda (*AP-CREAMS Endnote 2*).

AGENDA ITEM 2

National reports

Due to the limited time allotted for the meeting, national reports were not presented and would be forwarded to the next AP meeting. See *AP-CREAMS Endnote 3* for some reports from the 2015 AP-CREAMS inter-sessional meeting in Naha, Japan.

AGENDA ITEM 3

Status of supplementary chapter for “*Marine Ecosystems of the North Pacific Ocean 2003–2008*”

A final draft of the supplementary chapter to the PICES report on “*Marine Ecosystems of the North Pacific Ocean 2003–2008*” was presented. AP members approved the new shortened version and agreed it was ready to be submitted to Science Board for final review and approval for publication. Dr. David Checkley’s comments were accommodated during the revision process.

AGENDA ITEM 4

New co-chairperson from China

Dr. Kim announced that Dr. Fei Yu was approved as AP-CREAMS Co-Chairman by Governing Council. Dr. Yu was congratulated on his appointment by the AP members.

AGENDA ITEM 5

Next CREAMS-AP meeting in spring 2016

The next AP-CREAMS meeting will be held from May 12–13, 2016 in Vladivostok, Russia. The possibility of holding the meeting in conjunction with the next PEACE meeting will be considered.

AGENDA ITEM 6

Status report and discussion on international cooperation

As the continuing effort of the joint Russia–Korea (EAST-I) cruise, carried out in April–May 2015, a Korea–Russia co-operative cruise is planned for April–May 2016. A joint Japan–Korea–China (EAST-II) cruise may be held in October 2015, and possibly in July 2016.

AP-CREAMS-2015

AGENDA ITEM 7

FUTURE program

Dr. Vyacheslav Lobanov provided an update on the status of FUTURE program and its current activities. He is a FUTURE SSC member and liaison to AP-CREAMS. Dr. Lobanov and members discussed possible ways for AP-CREAMS to be actively involved in the program.

AGENDA ITEM 8

Progress report on publication EAST-II Program

Authors were nearly fixed for the report on “*Oceanography of the Yellow Sea and East China Sea*” in the PICES Scientific Report series. AP-CREAMS will request a delay of one year before submitting the report to Science Board.

AGENDA ITEM 9

Other items

AP-CREAMS will submit a request to its parents, POC and MONITOR, for PICES co-sponsorship for a training course on “*Freshwater discharge and the coastal environment*” as a joint activity with the UNESCO International Hydrological Programme (IHP) (tentatively) at Nagoya University for two weeks in late November to early December 2016.

The meeting adjourned at 20:00 h.



Back row, left to right: Yury Zuenko, Hiroya Sugisaki, Jae-Hak Lee, Sumei Liu, Dongfeng Xu, Hee-Dong Jeong. Front row, left to right: David Checkley, Vyacheslav Lobanov, Kyung-Ryul Kim, Joji Ishizaka, Fei Yu

*AP-CREAMS Endnote 1***AP-CREAMS participation list**Members

David M. Checkley (USA)
 Joji Ishizaka (Japan, Co-Chairman)
 Hee-Dong Jeong (Korea)
 Kyung-Ryul Kim (Korea, Co-Chairman)
 Jae-Hak Lee (Korea)
 Sumei Liu (China)
 Vyacheslav Lobanov (Russia, Co-Chairman)
 Dongfeng Xu (China)
 Fei Yu (China, Co-Chairman)
 Yury Zuenko (Russia)

Observers

Takashi Ikeda (Japan)
 Hiroya Sugisaki (Japan)

*AP-CREAMS Endnote 2***AP-CREAMS meeting agenda**

1. Opening remarks
2. Brief national reports on activities related to CREAMS/PICES Program
3. Status report on supplementary chapter for “Marine Ecosystems of the North Pacific Ocean 2003-2008” approval of new shortened version and submission to Science Board
4. Confirmation of new co-chairperson from China (Dr. Fei Yu)
5. Next AP-CREAMS meeting in spring 2016
6. Status report and discussion on international cooperation
7. FUTURE program
8. Progress report on publication EAST-II program
9. Other items
10. Closing

*AP-CREAMS Endnote 3***Report on the inter-sessional AP-CREAMS meeting, April 25, 2015, Naha, Okinawa, Japan**

Participants: Joji Ishizaka, Sumei Liu, Kyung-Ryul Kim, Jae-Hak Lee, Vyacheslav Lobanov, Fei Yu
 Observer: Takeshi Matsuno

1. Opening remarks (J. Ishizaka, K.R. Kim) The meeting was opened at 13:00 at Naha

2. Brief national report on activities and plans related to CREAMS/PICES Program**2.1 China** (Yu, Liu)

Dr. Sumei Liu reported that the National Science Foundation of China supports two cruises each year in the Bohai Sea, Yellow Sea and East China Sea. There are several cruises in the South China Sea covering different areas. (The other Chinese Ministries also conduct cruises, depending on the project. Within these cruises, we will join one cruise in the South China Sea in summer and two cruises in the Bohai and Yellow Sea. We will also conduct observations in Sanggou Bay, western Yellow Sea.

2.2 Japan

Drs. Joji Ishizaka and Takeshi Matsuno reported that the EAST-I related project of Dr. Matsuno's will continue for the next two years although there may be some difficulty in reserving the cruises. The *Nagasaki-maru* cruise will take place in July 19–28, 2016, around the Kyushu area, and the *Hakuho-maru* cruise will be in October and November, 2016 led by Dr. J. Zhang in coordination with the cruise of the *Dongfang Hong II*.

2.3 Korea

Dr. Kyung-Ryul Kim announced that Korea–Russia cooperative research on the Japan/East Sea started successfully on April 6, 2015 and will continue until May 5.

Dr. Jae-Hak Lee reported on KIOST's two research projects involving the survey cruise in the East China Sea: a multidisciplinary ocean monitoring study in the area in the northern East China Sea and a typhoon-related project. KIOST has established a branch, the international Marine Science Center for Research and Education, on Jeju Island in June 2015.

2.4 Russia

Dr. Vyacheslav Lobanov reported on a series of POI winter cruises to study cascading over the Peter the Great Bay slope during January–March of 2015. This is a continuation of the project started by POI in 2010 to study shelf-deep sea water exchange and ventilation processes.

3. Status report and discussion on international co-operation

It is expected that Dr. Jing Zhang will organize the joint cruise of the *Hakuho-maru* from Japan and *Dongfang Hong II* from China under the EAST-II program. Dr. Lobanov reported that the joint Korea–Russia cruise under the EAST-I program on R/V *Akademik M.A. Lavrentyev* in April 2015 will perform CTD observations, chemical and biological sampling along standard lines and will recover 2 mooring systems over the Yamato Rise deployed one year ago. It is also expected to make new deployment of 4 moorings over the shelf-slope deep basin area close to Russian coast of the Japan Basin. Next joint cruise is planned for April 2016. AP members agreed that the coordination of cruises for 2016-19 is very important.

4. Discussion on capacity building activities in 2015 and later

Dr. Kim reported that there was no progress on a summer school on submarine groundwater discharge proposed at the last AP meeting (Qingdao, China, October 29, 2014). Dr. Liu announced that there may be a training course associated with the Japan–Korea–China GLOBEC/IMBER symposium in spring 2016 in Jeju, Korea. She will distribute the information to members if there is any news.

5. Progress on EAST-I report

Dr. Kim confirmed that he will prepare a Status Report on the supplementary chapter for “*Marine Ecosystems of the North Pacific Ocean 2003–2008*” by PICES-2015.

6. Progress on EAST-II Program

Dr. Lee expressed concern about the delay of the publication of “*Oceanography of Yellow Sea and East China Sea*” associated with the EAST-II project. Members discussed the issue and agreed that the lead authors should have some direction and that editorial members should write a formal letter to explain the importance of the publication to the lead authors. They also agreed that the lead author should be able to decide the co-authors and/or reviewers, although the present list of the co-authors was just suggested by the editors and was not agreed to by the lead authors. The lead authors needed to be fixed as soon as possible. The editors of the biology section need to be replaced and/or added. Dr. Ishizaka agreed to prepare the letter to the lead authors.

7. Chinese co-chairmanship of AP-CREAMS

AP members supported the nomination of Dr. Fei Yu as a Co-Chairman of AP-CREAMS.

8. Next AP-CREAMS meeting at PICES-2015

The AP-CREAMS business meeting was set for the evening (18:00–20:00 h) of October 16, 2015 in Qingdao, China, by the PICES Secretariat; however, if possible, the AP will try to meet in the afternoon of October 17.

9. Report on PICES' FUTURE program

Dr. Lobanov, representing the FUTURE SSC, presented the status of the FUTURE program, and reminded members that AP-CREAMS is also expected to support the program.

10. Miscellaneous items

None.

The meeting closed at 17:00 h.



Participants of the AP-CREAMS inter-sessional meeting in Naha, Okinawa, Japan, on April 25, 2015; from left to right: Sumei Liu, Fei Yu, Vyacheslav Lobanov, Jae-Hak Lee, Kyung-Ryul Kim, Takeshi Matsuno, Joji Ishizaka.