

REPORT OF THE ADVISORY PANEL FOR A CREAMS/PICES PROGRAM IN EAST ASIAN MARGINAL SEAS

The meeting of the Advisory Panel for a *CREAM/PICES Program in East Asian Marginal Seas* (CREAMS-AP) was held on October 28, 2008 in Dalian, China during the 17th PICES Annual Meeting. Six members of the Advisory Panel and 6 observers representing Japan, Korea and Russia attended the meeting (*CREAMS-AP Endnote 1*). Dr. Kyung-Ryul Kim, Co-Chairman of the Advisory Panel, opened the meeting at 18:00 h. Dr. Vyacheslav Lobanov, Advisory Panel member of Russia, was designated as the rapporteur. Dr. Kim explained the agenda of the meeting (*CREAMS-AP Endnote 2*) and working schedule. The agenda was accepted without any additional items or changes.

AGENDA ITEM 2

Report on 2008 Summer School

Dr. Yasunori Sakurai, Co-Chairman of CREAMS-AP, informed participants about the PICES International Summer School on “*Ecosystem-based management and ecosystem approach*” that was organized by the Faculty of Fisheries Sciences, Hokkaido University, Hakodate, Japan from August 23–26, 2008. The school was attended by 51 students from Japan (20), China (18), Korea (6), Russia (5), U.S.A. (1) and UK (1). Their participation was supported by research grants from Japan and China and travel support for 5 students by PICES. The program consisted of 6 lectures on ecosystem-based management, sustainable development of fisheries, available modeling tools, *etc.* and group discussions on 6 related subjects. The students also participated in poster presentations, an excursion to a fishery port and discussion with fishermen. The Advisory Panel congratulated Dr. Sakurai and organizers of the Summer School on its successful implementation and thanked them for their efforts.

AGENDA ITEM 3

Capacity building activities in 2009

a. 2009 Summer School Program in Korea

Dr. K.-R. Kim reported on preparations for a PICES Summer School on “*Satellite oceanography*” to be held August 23–26, 2009 at Seoul National University. The school will consist of lectures, workshops and hands-on exercises provided by up to 15 lecturers (including 5 foreign) for up to 30 students. PICES is asked to support travel for 5 foreign students and 1 foreign lecturer. A tentative plan for this school was already supported by PICES Science Board. CREAMS-AP members were asked to complete the formation of an organizing committee and develop a tentative program for this school by the end of December 2008. A contact point is Dr. Kyung-Ae Park (kapark@snu.ac.kr).

b. 2009 Russian activity

Dr. Vyacheslav Lobanov informed everyone on the unclear situation in oceanographic research funding system in Russia and the uncertainties in organizing a PICES Winter School on “*Biogeochemical processes in the ice-covered area*” that would be held in Vladivostok, Russia. The Advisory Panel agreed to cancel this plan unless the situation in oceanographic funding in Russia improves.

AGENDA ITEM 4

North Pacific Ecosystem Status Report and discussions on international cooperation

a. PICES Ecosystem Status Report

Dr. Lobanov discussed the current status of arrangements by the PICES Secretariat in preparing the next North Pacific Ecosystem Status Report (NPESR). He explained that the report structure and team of lead authors for

each structure had been just developed and fixed at an *ad hoc* NPESR meeting held yesterday. Dr. Kyung-Il Chang of RIO/SNU suggested organizing a special workshop that would discuss data/information accumulated in the North Asian Marginal Seas from 2003–2008 which would serve as a basis for the synthesis of their status and trends to update the related chapters of the NPESR. The workshop would be held at Seoul National University, Korea in the second half of February 2009. The Advisory Panel accepted this suggestion and thanked RIO/SNU for their initiative.

b. Hakuho-maru cruise in 2009

Dr. K.-R. Kim stated that the Japan/East Sea cruise on the GEOTRACES program that was initially planned on the R/V *Hakuho-maru* by Japanese universities, with participation of foreign researchers, is postponed from the summer of 2009 to 2010 because of the unexpected increase of fuel costs in Japan.

c. Russia–Korea cooperation

Dr. Lobanov announced that the joint Russian–Korean cruise of V.I. Il'ichev Pacific Oceanological Institute FEB RAS and Research Institute on Oceanography, SNU, is also postponed to 2010 because of increased fuel prices.

d. GLOBEC Open Science Meeting

Dr. Sakurai talked about the preparations for a GLOBEC Open Science Meeting to be held in June 2009 in Victoria, Canada. A 2-day workshop on “*Arctic and Antarctic ecosystems*” and 1-day workshop on “*Comparison of global marginal seas ecosystems*” (tentative titles) are proposed for the meeting program. He asked the Advisory Panel members to support the steering of these workshops.

d. China-Japan-Korea GLOBEC Symposium

Dr. Suam Kim, CREAMS-AP member from Korea and former PICES CCCC Co-Chairman, discussed the progress of preparations for the China-Japan-Korea GLOBEC Symposium to be held in Korea in December 2009. The Advisory Panel expressed its support for the symposium and noted that the EAST-I program, which is one of the CREAMS-AP activities, could be part of the symposium. It was also suggested that Advisory Panel members encourage scientists in their respective member countries to participate actively at the meeting, especially young scientists and students, and to provide the necessary support for their participation.

AGENDA ITEM 5

Other related activities

Dr. Chang announced the coming 15th PAMS Meeting to be held April 23–25, 2009 in Busan, Korea. The main theme of the Meeting is “*Observations, Understanding, and Prediction of Climate Variability in PAMS*”. The scientific topics of the symposium will include:

- Regional climate processes in PAMS,
- Kuroshio and its interaction with PAMS,
- Responses of PAMS to global warming,
- Asian monsoon and ENSO and their impacts to PAMS,
- Modeling and future climate projections in PAMS,
- Waves and tides in PAMS,
- Extreme events,
- Biogeochemistry and ecosystems in PAMS,

and other topics related to PAMS oceanography. The deadline for submission of session proposals is November 30, 2008, while the submission of abstracts is February 28, 2009. Contact point is Dr. K.-I. Chang (kichang@snu.ac.kr). The Advisory Panel members expressed their support for the symposium and agreed to encourage scientists in their respective member countries to participate actively in the meeting.

AGENDA ITEM 6

Future of CREAMS-AP after summer 2008*a. EAST-II – Time-series program for the East China and Yellow seas*

Dr. K.-R. Kim related that initial activity for establishing a second program under the CREAMS/PICES initiative, the East Asian Time-series (EAST-II), and focussing on the East China Sea and Yellow Sea, was undertaken by Drs. Fei Yu (China) and Jae-Hak Lee (Korea). However, they informed the Co-Chairmen that more discussion among the leading scientists and existing oceanographic programs in the region is required to prepare a draft for the EAST-II. The Advisory Panel expressed its support for the further development of the EAST-II program.

b. Election of new CREAMS-AP Chairmen

The Advisory Panel unanimously endorsed the re-election of Drs. Kim and Sakurai as the co-chairmen of the Advisory Panel for a CREAMS/PICES Program in the East Asian Marginal Seas.

c. Next meeting

CREAMS-AP agreed to hold its next meeting in conjunction with the 15th PAMS meeting in Busan, Korea on 25 April, 2009.

AGENDA ITEM 7

Miscellaneous items

No items were suggested for discussion.

AGENDA ITEM 8

Closing

Dr. K.-R. Kim closed the meeting at 20:00 h, October 28, 2008.

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

Kyung-Ryul Kim (Korea, Co-Chairman)
Suam Kim (Korea)
Vyacheslav B. Lobanov (Russia)
Yasunori Sakurai (Japan, Co-Chairman)
Pavel Ya. Tishchenko (Russia)
Yury I. Zuenko (Russia)

Observers

Kyung-Il Chang (Korea)
Dr. Chang-Keun Kang (Korea)
Hong-Sun Kim (Korea)
Vladimir Ponomarev (Russia)
Yongjun Tian (Japan)
Gennady Yurasov (Russia)

CREAMS-AP Endnote 2

CREAMS-AP meeting agenda

1. Opening remarks
2. Report on 2008 Summer School, Japan (Sakurai)
3. Discussion on capacity building activities in 2009:
 - a. 2009 Summer School Program in Korea (S.-J. You/K.-A. Park)
 - b. 2009 Russian activity (Lobanov)
4. North Pacific Ecosystem Status Report and discussions on international cooperation
 - a. *Hakuho-maru* cruise in 2009 (Gamo)
 - b. Russia-Korea cooperation (Lobanov)
 - c. North Pacific Ecosystem Status Report (Skip McKinnell, PICES)
 - d. GLOBEC Open Science Meeting in June 2009 in Victoria, Canada (Sakurai)
 - e. China-Japan-Korea GLOBEC Symposium in December 2009, Korea (S. Kim)
5. Other related activities
 - a. 15th PAMS meeting (K.-I. Chang)
6. Future Plan of CREAMS-AP after summer 2008
 - a. EAST-II
 - b. Elections of the AP Chairmen
 - c. Next AP meeting
7. Miscellaneous items
8. Closing