

REPORT OF THE FUTURE ADVISORY PANEL ON *CLIMATE, OCEANOGRAPHIC VARIABILITY AND ECOSYSTEMS*

AGENDA ITEM 1

Welcome, introductions, opening remarks

The FUTURE Advisory Panel on *Climate, Oceanographic Variability and Ecosystems* (COVE-AP) met on October 22, 2010 from 09:00–12:00 h to discuss the meeting agenda. Dr. Hiroaki Saito, COVE-AP Chairman, welcomed Advisory Panels members and observers (*COVE-AP Endnote 1*) before giving an overview of the aims of the meeting.

AGENDA ITEM 2

Changes to, adoption of, agenda

The agenda was reviewed and no changes were made (*COVE-AP Endnote 2*).

AGENDA ITEM 3

Review and discussion of COVE-AP Terms of Reference and workplan

Dr. Saito reviewed the COVE-AP Terms of Reference and workplan. He stated that one of the Terms of Reference, “AICE and COVE APs will recommend priority tasks to PICES SB” is the most important purpose of the meeting to move FUTURE forward.

AGENDA ITEM 4

Report of the FUTURE inter-sessional workshop

Dr. Saito reported the discussion and decisions of the 2010 inter-sessional FUTURE workshop held August 16–18 in Seoul, Korea (http://www.pices.int/members/scientific_programs/FUTURE/Materials/2010-inter-sessional-FUTURE/Day%203/COVE-AP%20Report.pdf and http://www.pices.int/members/scientific_programs/FUTURE/Materials/2010-inter-sessional-FUTURE/Day%203/COVE-AP%20Summary.pdf).

COVE-AP selected two primary topics to be developed as a working group:

- *Mechanism of North Pacific Variability*
- *Ecosystem Responses to Multiple Stressors*

It was suggested that the latter be considered a joint proposal of COVE-AP and AICE-AP.

Recommendation: COVE-AP recommends to Science Board the new working groups “Mechanism of North Pacific Variability” and “Ecosystem Responses to Multiple Stressors” to carry out FUTURE science.

AGENDA ITEM 5

Selecting high priority topics/new expert groups

In addition to the high priority topics selected at the FUTURE workshop in Seoul, Dr. Saito explained the activity of the proposed working group on “Sensitivity of the North Pacific to Atmospheric Iron Deposition in a Low pH Ocean” put forward by Dr. Maurice Levasseur (Canada). The central objective is to determine how the predicted decrease in ocean pH will impact the response of the HNLC ecosystems to atmospheric iron deposition in the North Pacific. The main comments provided by Panel members to the newly proposed working group were that: (1) it was well focused but too narrow as PICES working group activity and (2) it could potentially be included into the proposed working group on “Ecosystem Responses to Multiple Stressors”. A concern raised by the Panel was that no potential members were nominated from Korea and Russia.

COVE-AP-2010

Action: COVE-AP encourages Dr. Levasseur and colleagues to consider carrying out their proposed activities within “Ecosystem Responses to Multiple Stressors” working group.

AGENDA ITEM 6

Potential FUTURE workshop in conjunction with a 2011 inter-sessional Science Board meeting

Dr. Jacquelynne King explained the intentions for holding a proposed workshop titled “*Indicators of status and change within North Pacific Marine ecosystems: a FUTURE workshop*” in conjunction with an inter-sessional Science Board meeting. All Panel members supported the idea. It was also mentioned that the workshop would be a good opportunity to initiate the activities of the proposed working group on “Ecosystem Responses to Multiple Stressors”.

Recommendation: COVE-AP recommends holding a FUTURE workshop in conjunction with ISB-2011.

AGENDA ITEM 7

Potential Topic Sessions at PICES-2011

No Topic Session was proposed.

AGENDA ITEM 8

Planning activities after PICES-2010

Dr. Saito announced the schedule of activities planned for COVE-AP after PICES-2010.

AGENDA ITEM 9

Other business

No other business was discussed.

COVE-AP Endnote 1

COVE-AP participation list

Members

Liqi Chen (China)
Jung-Hoon Kang (Korea)
Jacquelynne King (Canada)
Hiroaki Saito (Chairman, Japan)
Toru Suzuki (Japan)

Observers

Chan Joo Jang (Korea)
Toshiro Saino (Japan)

COVE-AP Endnote 2

COVE-AP meeting agenda

1. Welcome, introductions, opening remarks
2. Changes to, adoption of, agenda
3. Review and discussion of COVE-AP terms of reference and workplan
4. Report of the FUTURE inter-sessional workshop
5. Selecting high priority topics/new expert groups
6. Potential FUTURE workshop in conjunction with a 2011 inter-sessional Science Board meeting
7. Potential Topic Sessions at PICES-2011
8. Planning activities after PICES-2010
9. Other business