



Report of 6th IMBER HDWG MEETING

Tokyo University of Marine Science and Technology, Shinagawa Campus.

19th – 22nd May, 2016



Present: Alida Bundy (Chair), Yinji Li (co-chair), Annette Breckwold, Ratana Chuenpagdee, Patrice Guillotreau, Moenieba Isaacs, Lisa Maddison (honorary member) Henrik Osterblom and Ingrid van Putten

Apologies: Omar Defeo, Bernhard Glaeser, Ian Perry, Prateep Nayak

Acknowledgements: Grateful thanks to NASA and NSF for providing sponsorship to facilitate attendance at this meeting

MEETING GOALS (For full agenda, see Appendix 1)

Four main goals:

1. Introduction of new WG members and their participation in HDWG activities
2. Discussion of the new “IMBER Science Plan and Implementation Strategy” and development of a Work Plan for next phase of the IMBER HDWG, representing the interests of all members
3. Continued development and future of I-ADApT
4. Funding and collaborations and new members for 2018



Celebration sushi Dinner at the “Hidden Gem”, Tokyo, to say thank you to Ratana, Moenieba and Ian (not present) for all their contribution to IMBER HDWG. Also features our chef, waitress (aka Michael Jackson) and guest Katia Frangoudes.

KEY MEETING OUTCOMES

1. New HDWG members agreed to develop a first draft of the conclusion chapter of the I-ADApT Synthesis book (Societal and governing responses to global change in marine systems).
2. Mini-typology meeting planned for July
3. I-ADApT to go on-line!! Two domain names purchased to host I-ADApT website
4. Decision to develop 2 proposals, one to the Sumitamato Foundation (Japan) and a larger multi-year proposal (the BIG proposal) possible to SSHRC (Canada), NSF or other.
5. Recommend formation of task team to address GC 3.1
6. Suggest that HDWG proposed work with I-ADApT will address many aspects of GC 3.2
7. TBTI workshop on I-ADApT and small pelagic SSF in the Fall, 2016.
8. Next meeting proposed for Hobart, Tasmania. (Plan B, Nantes, France)
9. Ingrid van Putten has agreed to be the next Chair of the IMBER HDWG, Yinji will continue as co-chair. Congratulations to both!!

19th May - Field trip to the Sukura Shrimp Fishery, Suruga Bay

All thanked Yinji for the very interesting and enjoyable field trip to Suruga Bay (see Appendix 3 for itinerary). Moenieba asked if the cooperative would agree to provide the presentation given by the president of the cooperative. Yinji will ask and put it in the dropbox if they agree.

Ratana suggested that this case study should be included in TBTI's ISSF, a blog of the field trip with some photos could be included. Annette mentioned a paper on Case studies in Fisheries Self Governance from FAO which is similar to this model: (<http://www.fao.org/docrep/010/a1497e/a1497e00.htm>).

Yinji plans to develop this into a case study for I-I-ADApT



20th May – Open Session, Tokyo University of Marine Science and Technology

See Appendix 3 for Agenda. This meeting was well attended by students from TUMST.



HDWG Publications

Special issue of **Regional Environmental Change** (REC), resulting from the HDWG led IMBER IMBIZO III Workshop “Understanding And Forecasting Human-Ocean-Human Interactions, Drivers And Pressures, With Respect To Global Change” published, including the following papers by working groups members:

Bundy, A., Chuenpagdee, R., Cooley, S., Glaeser, B. and McManus, L.T., 2016. Global change, ensuing vulnerabilities, and social responses in marine environments. *Regional Environmental Change*, pp.1-4.

Glaeser B. (2015). From global sustainability research matrix to typology: a tool to analyze coastal and marine social-ecological systems. *Reg Environ Change*, 1-17. DOI 10.1007/s10113-015-0817-y

Issacs, M (2016) Multi-stakeholder process of co-designing small-scale fisheries policy in South Africa. *Reg Env Change* doi: 10.1007/s10113-015-0874-2

Nayak PK, Armitage D, Andrachuk . (2016) Power and politics of social–ecological regime shifts in the Chilika lagoon India and Tam Giang lagoon Vietnam. *Reg Environ Change* 1-15. DOI: 101007/s10113-015-0775-4

Submitted to **Ecology and Society** (23-May-2016): Guillotreau, P. et al “ Adapting in the Anthropocene: a comparative case-study analysis of societal responses to mass mortalities of bivalves in coastal waters”. Subscription cost is about 1200 USD in *Ecology and Society*, Eddie and Patrice might be able to pay. Ratana and Ingrid suggested *Fish and Fisheries*. Lisa to checked about the SCOR publication fund - there is a small amount of funding available from the NSF grant that could be used for this if Eddie and Patrice are not able to fund it.

I-ADApT Synthesis Book “Societal and governing responses to global change in marine systems”

(Editors: Patrice Guillotreau, Alida Bundy, and R. Ian Perry)

The book proposal was formally submitted to **Routledge** on 2 Feb 2016.

The book comprises 20 Chapters:

Plan is to have the book completed by FALL 2016

Presentations

- Patrice presented I-ADApT and the MARE Conference in Amsterdam
- Alida presented I-ADApT at the ICES Annual Science Meeting in Copenhagen
- Ian presented I-ADApT to the OceanCanada WG for the Pacific .



6th MEETING OF THE IMBER HDWG

Tokyo University of Marine Science and Technology, Shinagawa Campus.

19th – 22nd May, 2016

START: 9.00 am; LUNCH: 1.00 pm; END: 6.00 pm; HEALTH BREAKS: ~ 10:45 & ~3:45

Thursday 19th May

Field Trip to Shizuoka

Friday 20th May

1. Introduction of new members
2. Short 2 minute updates from all existing members(related to the work of our group)
3. IMBER HDWG Updates:
 - a. Publications - Alida
 - b. SPIS and Future Earth - Lisa
 - c. Synthesis Book - Patrice
 - d. TBTI and Global Response Cluster –Ratana (NB IMBIzo IV)
4. Plan for the Week -what do we want to achieve? Alida/All
5. Short presentations from new members:
 - i.Ingrid van Putten
 - ii.Henrik Osterblom
 - iii.Annette Breckwoldt
6. Preliminary discussion of ideas for next phase of WG – discuss wrt next phase of IMBER Science Plan and Implementation Strategy (please read and familiarise yourself with this in preparation for this discussion!)
7. Preparation for Open Event @ 3.00 PM

3.00 – 5.00 PM: Open Event - Responses of society to global changes in marine system

Saturday 21st May

1. Review of Friday
2. Continued discussion of ideas for next phase of WG – discuss wrt next phase of IMBER Science Plan and Implementation Strategy (please read and familiarise yourself with this in preparation for this discussion!)
3. Further development of IMBER-ADApT
 - a. Case study update - Patrice
 - b. Typology update - Ian
 - c. Collection of case studies (cf Yinji's comments)
 - d. What next?

PARALLEL WORKING SESSIONS – see Table 1 below

Sunday 22nd May

1. Review of Saturday
2. Succession planning for HDWG - more new members for 2018

PARALLEL WORKING SESSIONS – see Table 1 below

2:30 PM END

Table 1: Tasks That Could Be Undertaken In Small Group Parallel Working Sessions

WRITING	PRESENTATIONS	ANALYSIS	FUNDING PROPOSALS
New IMBER HDWG Workplan Synthesis book - LEAD: Patrice Introduction Chapter	WFC presentation	TYPOLOGY – LEAD: Ian Analysis of existing case studies	??

Appendix 2

Itinerary for field trip-Sakura shrimp on Suruga bay

(Thursday, May 19, 2016)

1. 7:00~10:30 Hotel to Yui-harbor Fisheries Cooperative Association(YFCA) by bus

2. 10:30~14:00 Gathering with local people
 - ☆ Moderator: Mr. Takehiro Unno (YFCA, chief of general affairs)
 - a. 10:30~10:40 Welcome speech
(Mr.Junichi Miyahara, President of YFCA)
 - b. 10:40~11:40 Practices on resource management-oriented fisheries and information dissemination from local community
(Mr.Junichi Miyahara, President of YFCA)
 - c. 11:40~12:00 Questions and Answers
 - d. 12:00~13:00 Lunch break at fishermen's restaurant, walking around harbor area.
 - e. 13:00~14:00 Mini cruise on fishing boat

3. 14:00~14:30 YFCA to Fish market-Kashinoichi by bus

4. 14:30~15:00 Visiting fish market-Kashinoichi

5. 15:00~18:30 Fish market to Hotel by bus

Appendix 3:



THE IMBER HDWG Workshop:
Responses of society to global changes in marine system

Tokyo University of Marine Science and Technology
Shinagawa Campus, 3:00-5:00 pm, 20th May, 2016

Program

10:00-10:10 【Opening】

1. Welcome speech (10:00-10:05)

Dr. Midori Kawabe (Tokyo University of Marine Science and Technology, Japan)

2. Opening remarks (10:05-10:10)

Yinji LI (Co-chair of IMBER HDWG, Tokai University, Japan)

10:10-11:00 【Part 1: Presentations】

1. Introduction of IMBER HDWG (10:10-10:20)

Dr. Alida Bundy (Chair of IMBER HDWG, Fisheries & Oceans Canada, Canada)

2. Responses of society to global changes in marine system: Potentiality of IMBER-ADApT (10:20-11:00)

Dr. Alida Bundy (Chair of IMBER HDWG, Fisheries & Oceans Canada, Canada)

11:00-11:55 【Part2: Open Discussion】

Topic: IMBER's vision is "Ocean sustainability under global change for the benefit of society". Each discussion groups will discuss this vision and ask "How can the social sciences and humanities be better integrated into global change ocean science to achieve IMBER's vision?" Each group will focus on different aspects of this topic. (30min of group discussion +25min of presentation by each group)

Moderator: Dr. Alida Bundy (Chair of IMBER HDWG)

Group facilitator:

/Group A: Dr. Ratana Chuenpagdee (Memorial University of Newfoundland, Canada)

/Group B: Dr. Moenieba Isaacs (University of the Western Cape, South Africa)

/Group C: Ms. Lisa Maddison (Deputy Executive Officer of IMBER IPO, Norway)

/Group D: Dr. Yinji LI (Co-chair of IMBER HDWG, Tokai University, Japan)

/Group E: Dr. Patrice Guillotreau (University of Nantes, France)

/Group F: Dr. Ian Perry (Fisheries & Oceans Canada, Canada)

11:55-12:00 【Closing Address】

Dr. Alida Bundy (Chair of IMBER HDWG)



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