



# 4<sup>th</sup> MEETING OF IMBER HDWG REPORT

5 – 7 March 2014

Cambridge Suites Hotel, Halifax

**Present:** Alida Bundy (Chair), Moenieba Isaacs (co-chair), Ratana Chuenpagdee, Omar Defeo, Bernhard Glaeser, Patrice Guillotreau and Ian Perry.

**Apologies:** Sarah Cooley (joined remotely for parts of the WG meeting); Yinji Li



View across Halifax Harbour from the Cambridge Suites Hotel, Halifax on a beautiful sunny day in March.

HDWG from Left to right: Patrice Guillotreau, Omar Defeo, Ratana Chuenpagdee, Moenieba Isaacs, Alida Bundy, Bernhard Glaeser and Ian Perry

## MEETING GOALS (For full agenda, see Appendix 1)

- Further development of IMBER-ADApT
  - Define purpose(s) of IMBER-ADApT
  - TYPOLOGY:
    - Organisation and structure (cf approaches by IP, BG, PG and AB)
    - number and type of variables
    - Further develop and explore two types of typology – conceptual and taxonomic
  - Review and analysis of new case studies
  - Collection of case studies
  - Discuss development of database
- Publications, including the Ghoti Paper
- Future dissemination
- Next Steps, including funding.

## KEY MEETING OUTCOMES

- Decision to further reduce number of questions in the IMBER-ADApT template
- Submit proposal to Future Earth FTI
- Revise Ghoti paper and re-submit to F&F Ghoti section
- Shellfish mortality paper
- Plan to develop paper on conceptual approach to typology
- Plan for book on IMBER-ADApT, with chapter for each case study
- Hold workshop prior to the TBTI meeting in Merida (Sep 2014)
- Hold 2<sup>nd</sup> workshop prior to PICES Meeting in Santos City, Brazil (dependent on FTI funding)
- Alida Bundy indicated that she would like to step down as Chair in 2015
- Moenieba Isaacs indicated that she would like to step down as co-Chair in 2015
- HDWG agreed to invite Eddie Allison to be a new member of the HDWG
- Next full HDWG meeting planned to coincide with the PICES Meeting in Santos City, Brazil; interim meetings will take place in June 2014 at IMBER OSC and Sep 2014 at TBTI Conference.

## HDWG PROGRESS SINCE LAST MEETING, MARCH 2012

The **first IMBER-ADApT paper** was completed and submitted to the Ghoti section of Fish and Fisheries in early November 2013. We learned on 18 Feb that the paper was rejected, but we were encouraged to re-submit.

The special volume 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” is on-going. Of the original 17 papers proposed, 13 were submitted. One has been accepted and 8 papers are still in process. Editorial team are Alida, Bernhard, Liana (McManus), Ratana and Sarah. Bernhard has submitted a paper related to his work and thinking on typologies.

**IMBER-ADApT templates:** the templates were finally revised after last year’s meeting and in September 2013 all WG members agreed to send out the templates to their colleagues to collect more case studies for the development of IMBER-ADApT (as agreed at the 3<sup>rd</sup> HDWG meeting in Goa). We provided a deadline of 31-Jan-2014. Unfortunately we have not received many responses – 6. A list of all the case studies received to date is provided in Appendix 2. The key messages that came from the feedback on the case studies were that the template is too long and that people do not have the time to complete it, even if they are willing to do so. Therefore we need to consider how to work with this challenge.

The **Typology** sub-group (most of us!) met on-line in November and January to further progress on the typology and plan next steps – see reports sent by email. Ian agreed to submit an abstract to the IMBER OSC on the groups’ behalf.

We submitted a proposal to **organise a Session at IMBER OSC** entitled “Responses of Society to marine and global changes as a core mandate for IMBER: ways forward”. We were approached by PICES to co-host this session, so co-convenors are (Alida, Tom Therriault (PICES) Ian and Bernhard).

Four papers have been submitted by members of the HDWG to our session at the **IMBER OSC** (Bernhard Glaeser, Patrice Guillotreau, Yinji Li and Ian Perry (+poster)) – see Appendix 3 for abstracts. All have been accepted. Alida Bundy also accepted an invitation to present a plenary presentation, which will reflect the work of the HDWG.

The IMBER HDWG contributed to **IMBER White Paper**, which is being developed for the IMBER OSC and to frame the research direction of IMBER For the next 5-10 years.

**Acknowledgements:** We gratefully acknowledge the support provided by IMBER and the financial contributions from NASA and NSF that enabled us to attend this meeting.

# Appendix 1

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### AGENDA

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

1. Short updates from everyone (5-10 minutes each), including reflections on HD work activities since Goa, what is happening in your region? what other organisations are involved in HD activities? what are the funding opportunities in your region for HD related activities?.
2. Publications
  - a. The Ghoti Paper – how do we want to respond to F&F and the reviewers?
  - b. Discuss and develop IMBER-ADApT Typology Illustration Paper
  - c. Plans for other publications
3. Further development of ADApT-IMBER:
  - a. Define purpose(s) of IMBER-ADApT
  - b. TYPOLOGY:
    - i. Organisation and structure (cf approaches by IP, BG, PG and AB)
    - ii. number and type of variables
    - iii. Further develop and explore two types of typology – conceptual and taxonomic
  - c. Review and analysis of new case studies
  - d. Collection of case studies
  - e. Discuss development of database
4. Future dissemination (OSC, One Ocean/One Planet, etc.)
  - a. Plans for IMBER OSC 2014
  - b. One Ocean, One Planet, Barcelona, Nov 2014.
  - c. Los Banos Meeting, Nov 2014
  - d. Other meetings?
5. Next Steps HDWG (new leader, new proposals, etc.)
  - a. Collaboration with LOICZ (see also FTI in (n) below)
  - b. Possible funding:

- i. ICES/SCOR WG proposal? (deadline early April)
  - ii. Fast Track Initiative Proposal? (deadline 4 April) Could do an IMBER/LOICZ....?
- a. Change and renewal:
  - iii. New HDWG member – Dr. Yinji LI
  - iv. Time for a new HDWG leader for 2015