



CMarZ Steering Group Meeting
November 6 – 8, 2006
Ocean Research Institute, University of Tokyo
Tokyo, Japan

MEETING AGENDA

Goals for the Meeting:

1. **Public presentations on CMarZ research activities**
2. **Goals of CMarZ: identifying and overcoming the major challenges**
3. **Planning for CoML benchmarks of 2007 and 2010**

November 5th Arrival

6:00 pm Welcoming dinner for those who have arrived

November 6th CMarZ Open Workshop

8:30 am COFFEE

9:00 am Welcome to the ORI (Prof. Makoto Terazaki, Director)

9:10 am Opening Address (Shuheï Nishida)

9:20 am CMarZ – General Introduction (Ann Bucklin)

Session 1: Highlights from Hotspots

9:40 am Exploring the deep sea: 2006 CMarZ cruise in the Sargasso Sea (Peter Wiebe)

10:10 am Black and Caspian Sea zooplankton (Ahmet Kideys)

10:40 am Antarctic and Indonesia (Sigi Schiel, Astrid Cornils)

11:10 am Zooplankton monitoring along the southern African coast (Hans Verheye)

11:40 am Time-series monitoring in Japan (Hiroya Sugisaki, Sanae Chiba)

12:00 pm LUNCH

Session 1 (continued)

1:00 pm Inner-Space Speciation Project (Larry Madin)

1:30 pm North Atlantic Ridge (Webjørn Melle)

2:00 pm Undiscovered treasures in the backyard: Diversity and phylogeny of gelatinous zooplankton in the deep eastern Pacific

(Erik Thuesen, Steven Haddock)

2:30 pm Jostling for jellies: muddling molecular & morphological methodology

(Francesc Pages, Dhugal Lindsay)

3:00 pm The coastal waters of China and the Antarctic (Sun Song)

3:20 pm COFFEE

Session 2: How does CMarZ Work?

3:40 pm Virtual Taxonomic Network (Annelies Pierrot-Bults, Steve Hay)

4:00 pm Training para-taxonomists (Shuhe Nishida, Erik Thuesen)

4:20 pm DNA barcoding of specimens (Rob Jennings, Ann Bucklin, Ryuji Machida)

4:40 pm CMarZ database / OBIS / Species page (Peter Wiebe, Nancy Copley)

5:00 pm General discussion (Chair: Shuhe Nishida)

5:30 pm Adjourn

6:00 pm Reception at ORI

November 7th CMarZ Steering Group (accomplishments, evaluation, discussion, prospects)

Making CMarZ Work. The second day of the workshop will include three sets of Working Group sessions, with an introductory plenary presentation from the chairperson, followed by reports from the moderators of each topic. The moderators will be asked to:

- 1) re-visit CMarZ goals in each area**
- 2) review our progress to date**
- 3) identify challenges and make plans to overcome them**

8:30 am COFFEE

9:00 am Working Group I. Global Synoptic Survey and Protocol (20 min each)

- Introduction (Peter Wiebe: chair)

- Atlantic Ocean (Moderators: Peter Wiebe, Webjørn Melle)

- Pacific (Mod: Shuhe Nishida, Erik Thuesen)

- Indian Ocean (Mod: Vijayalakshmi Nair, Hans Verheye)

- Polar Seas (Mod: Sigi Schiel, Russ Hopcroft)

- Mediterranean and Black Sea (Francesc Pages, Ahmet Kideys)

10:40 am COFFEE

11:00 am Working Group II. Analytical approaches (20 min each)

- Introduction (Sigi Schiel: chair)

- Taxonomic analysis/network (Mod: Annelies Pierrot-Bults, Steve Hay)

- Ecological analysis (Mod: Larry Madin, Ahmet Kideys)

- Molecular analysis and barcoding (Mod: Ryuji Machida, Rob Jennings)

12:20 am LUNCH

- 1:30 pm Working Group III. Infrastructure needs (20 min each)
- Introduction (Shuhehi Nishida: chair)
 - Zooplankton collections (Mod: Shuhehi Nishida, Mark Ohman)
 - Taxonomic training (Mod: Shuhehi Nishida, Janet Bradford-Grieve)
 - CMarZ Database and Species Pages (Mod: Peter Wiebe; Nancy Copley)
- 3:00 pm COFFEE
- 3:20 pm Activity reports from Japan (Hiroshi Ueda, Shozo Sawamoto, Naonobu Shiga, Susumu Ohtsuka, Yuichiro Nishibe, Juro Hiromi)
- 4:20 pm Working Groups (continued plenary discussion, or group discussion on demand)
- 6:00 pm Adjourn
- DINNER (on own)

November 8th CMarZ Steering Group (planning and general discussion)

- 8:30 am COFFEE
- 9:00 am Group discussion (preparation of reports)
- 10:40 am COFFEE
- 11:00 am Working Group reports
- Session I (Peter Wiebe)
 - Session II (Sigi Schiel)
 - Session III (Shuhehi Nishida)
- 12:00 am LUNCH
- 1:00 pm CoML benchmark goals for 2007 and 2010 (Ann Bucklin)
- CoML Milestones
 - CoML Framework Committee
 - CoML Legacies
 - CoML Synthesis
 - Collaboration with other CoML field projects
- 2:40 pm COFFEE
- 3:00 pm Plans for the year ahead
- CMarZ - USA (Ann Bucklin)
 - CMarZ - Europe (Sigi Schiel)
 - CMarZ - Asia (Shuhehi Nishida)
 - CMarZ in China (Sun Song)
 - CMarZ in Indian Ocean (Vijayalakshmi Nair)
- 5:00 pm Upcoming CoML and CMarZ meetings
- 5:30 pm Adjourn

7:00 pm FAREWELL DINNER

November 9nd **Excursion/Departure**