

**U.S.-China Living Marine Resources Panel Agenda for  
the 10th LMR Panel Meeting  
The Edgewater Hotel  
Seattle, Washington, USA  
February 13-14, 2014**

*Meeting Objectives:*

- *Exchange knowledge between the Chinese and U.S. scientists for supporting the management of living marine resources*
- *Review the status and progress of joint activities*
- *Identify joint priorities and specific areas for collaboration (short and longer-term activities) and identify mechanisms and resources to sustain cooperation and joint activities over the next five years*

**Thursday February 13**

9:00 Opening Statements

- Dr. Ned Cyr, U.S. Chair
- Dr. LIU Yingjie

9:20 Self-introductions by participants

9:30 Adoption of the Agenda & Assignment of Rapporteurs

- Dr. LIU Yingjie
- Dr. Ned Cyr

Rapporteurs:

- Keith Chanon, Jihong Dai, Prof. LI Jilong

9:40 Overview of the U.S.–China LMR Panel and Collaborative Research Activities in 2013

- Prof. LI Jilong and Keith Chanon

**Theme 1: Marine Aquaculture**

**(Leaders: David O'Brien, NOAA; Dr. LIU Yingjie, CAFS)**

10:00am Linkages with the World Aquaculture Society  
(Kevan Main, Mote Marine Lab)

**New Developments and Opportunities in Aquaculture Research:**

10:10am U.S. Perspectives (David O'Brien and Mike Rust, NOAA)

10:25am China Perspectives (Dr. Liu Yingjie, CAFS)

**10:40am Break**

**Stock Enhancement/Artificial Reefs:**

11:00am Mote Marine Lab Collaborations with the Yellow Sea Fisheries

- Research Institute (Ken Leber, Mote Marine Lab)
- 11:15am Genetic Traits of *Pompano* that Affect the Species' Growth (Ma Qian, *on exchange to Mote Marine Lab from CAFS, YSFRI*)
- 11:35am Industrialized Marine Aquaculture using Water Recirculation Systems (Qu Keming, CAFS)
- 11:55pm **Open Discussion and Next Steps**

**12:15pm Lunch**

Alternative Feeds Research:

- 1:25pm Overview of China Research Activities (Liu Yingjie, CAFS)
- 1:40pm Overview of U.S. Research Activities (Ron Johnson, NOAA)
- 1:55pm Joint Research Activities between the Northwest Fisheries Science Center and Yellow Sea Fisheries Research Institute (Ron Johnson, NOAA)
- 2:15pm **Open Discussion and Next Steps**

Modeling and Monitoring the Environmental Impacts of Aquaculture Operations

- 2:35pm Siting Aquaculture Operations with Respect to Environmental Sustainability (James Morris, NOAA)
- 2:55pm Bioremediation Facilities and Techniques for the Degraded Biological Resources in Typical Bay Areas in China (Yang Hongsheng, CAS)
- 3:15pm **Open Discussion and Next Steps**

**3:35 Break**

**Theme 2: Assessing Natural and Artificial Reef Systems  
(Leaders: Jason Cope, NOAA, Prof. Li Chunhou, CAFS)**

NOAA – CAFS Joint Activities:

- 3:50pm Modeling the Shape and Design of Artificial Reefs (Li Chunhou, CAFS)
- 4:10pm SCSFRI Participation in the July-August Fisheries Oceanography Cruise on the *Oscar Elton Sette* and Assessment Methodologies for Reef Systems (Jason Cope, NOAA)
- 4:25pm Joint Cruise and Stock Assessments for Reef Systems (Li Chunhou, CAFS)
- 4:45pm **Open Discussion and Next Steps**
- 5:05pm Announcements, Group Photo, and Adjourn for the Day

**Friday, February 14**

**Theme 3: Marine Mammal and Sea Turtle Research**

**(Leaders: John Bengtson, NOAA, Prof. LI Chunhou, CAFS)**

- 8:30am Gray Whales in the Western North Pacific: Joint Research and Recent Scientific Findings (Dave Weller, NOAA)
- 8:50am Spotted Seal Research Conservation in the Yellow Sea (Peter Boveng, NOAA)
- 9:00am Current Status of Sea Turtle Research in China and Future Cooperation Highlights (LI Chunhou, CAFS)
- 9:20am New Developments for Joint Research Collaborations on Sea Turtles (Jeff Seminoff, NOAA)
- 9:40am **Open Discussion – Next Steps for Collaboration on Marine Mammals and Sea Turtles**

**Theme 4: Other Collaborative Research Projects and Activities**

**(Leaders: Keith Chanon, NOAA, Prof. Li Jilong, CAFS)**

- 10:00am Oyster Reef Ecology Restoration in the Estuary of Yangtze River (Shen Xinqiang, CAFS)
- 10:15am Native Oyster Hatcheries (Walt Dickhoff, NOAA)
- 10:30am *Euphausia Pacifica* (Krill) and Climate (Bill Peterson, NOAA)

**10:45am Break**

- 11:00am Remote Sensing Monitoring Technologies for Marine Estuaries and Coastal Habitats: Opportunities for Collaboration (Li Jilong, CAFS and Kristan Blackhart, NOAA)
- 11:30am Outcomes from the Joint Oil Spill Workshop (Nat Scholz, NOAA, Qu Keming and Shen Xinqiang, CAFS)
- 11:55am Proposal for a Symposium on Stock Assessments for Tropical Marine Systems (Jason Cope, NOAA)

**12:10pm Open Discussion and Next Steps**

**12:30pm Lunch**

**1:30pm Theme 5: Next Steps for the LMR Panel**

**(Leaders: LIU Yingjie, CAFS and Ned Cyr, NOAA)**

1. How to Facilitate Staff/Scientist Exchanges?
2. Potential for a continuing US-China Science Symposium Series
3. Identification of Joint Research Projects and Activities
4. Discussion of the Next Panel Meeting (location, timing, other issues)

**2:15pm Closing Remarks by the Chinese and U.S. Co-Chairs**

- 3:30pm Visit to the Northwest Fisheries Science Center