

85TH MEETING OF THE COASTAL ENGINEERING RESEARCH BOARD

Hilton Portland and Executive Tower
Portland, OR
23-25 September 2008

AGENDA

THEME: System-Based Perspectives of the Coast: A Focus on Pacific Northwest

GOAL: To further the understanding of how a “Systems Approach” to coastal protection can be practically implemented throughout the Corps by focusing on systems-based activities in the Pacific Northwest.

Monday, 22 September 2008

1800 – 2000 Early Registration (Foyer Area outside Pavilion Ballroom)

Tuesday, 23 September 2008 – Pavilion Ballroom (Attire: Military ACU – Civilian Business Casual)

0700 – 0800 Registration (Foyer Area)

0800 – 0820 Welcome and Opening Remarks
MG Don T. Riley, President, CERB
BG William E. Rapp, Commander, Northwestern Division (NWD)
COL Steven R. Miles, Commander, Portland District (NWP)

0820 – 0850 [CERB Initiatives on Systems Approach to Coastal Management](#)
BG Todd T. Semonite, Commander, North Atlantic Division (NAD) and
Mr. Donald E. Cresitello, New York District

0850 – 1025 **Systems Approach in R&D**
Ms. Joan Pope, U.S. Army Engineer Research and Development Center,
Moderator

0855-0925 Products and Technologies Developed by the System-Wide Water
Resources Program (SWWRP)
Mr. David R. Richards, Information Technology Laboratory

0925-0950 [System-wide Coastal Modeling](#)
Mr. Bruce A. Ebersole, Coastal and Hydraulics Laboratory (CHL)

0950-1015 [Coastal Structure Asset Management Research and Development](#)
Dr. Jeffrey A. Melby, CHL

1015 – 1035 Break

- 1035 – 1135 [Coastal Field Data Collection Program and Coastal Data Information Program](#)
Mr. Charles B. Chesnutt, Institute for Water Resources (IWR) and
Ms. Julianna O. Thomas, Scripps Institution of Oceanography
- 1135 – 1200 Building a Strategic TNC–Corps Partnership for Working in Coastal Ecosystems
[Ms. Roselle E. Henn, NAD](#), and
[Mr. Terence M. Sullivan, The Nature Conservancy](#)
- 1200 – 1315 Lunch – on own
- 1315 – 1500 **Actions for Change**
Mr. Gary W. House, Headquarters, U.S. Army Corps of Engineers
(HQUSACE), Moderator
- 1320-1345 [Theme 1: Comprehensive Systems Approach](#)
Dr. Kathleen D. White, Cold Regions Research Engineering Laboratory
- 1345-1410 [Theme 2: Risk Informed Decision Making](#)
Dr. David A. Moser, IWR
- 1410-1435 [Theme 3: Communication of Risk to the Public](#)
Mr. William L. (Bill) Peoples, Nashville District
- 1435-1500 [Theme 4: Professional and Technical Expertise](#)
Mr. Christopher W. Gluck, NWD
- 1500 – 1520 Break
- 1520 – 1645 **Managing and Communicating Risk**
Mr. Eric P. Braun, NWD, Moderator
- 1525-1545 [Coastal Infrastructure Management](#)
Ms. Heidi P. Moritz, NWP
- 1545-1605 [Operating Constraints and Performance Thresholds at Coastal Ports](#)
LT Fred W. Seaton, U.S. Coast Guard
- 1605-1625 [Communicating Flood Risk in a Developing World](#)
Mr. Ted E. Perkins, NWS, and
Mr. Ryan Ike, Federal Emergency Management Agency
- 1625-1645 [Scary Science: Communicating Scientific Risk to Stakeholders and the Public](#)
Mr. Patrick Corcoran, Oregon State University’s Extension Sea Grant Program
- 1645 – 1700 Remarks from Members of the Board
- 1700 Adjourn for the Day
- 1900 – 2030 Social (Hors d’oeuvres – Alexander’s – 23rd Floor Hilton) (Attire Civilian Casual)

Wednesday, 24 September 2008

- 0800 – 0805 Opening Remarks
 MG Riley
- 0805 - 0945 **Changing Northwest Pacific Climate**
 Dr. Joan Oltman-Shay, NorthWest Research Associates, Moderator
- 0810-0855 [Northwest Regional Climate Model Predictions – Sea Level, Storm Winds and Waves, Snow Pack and Rainfall](#)
 Dr. Philip W. Mote and Dr. Dennis P. Lettenmaier, University of Washington
- 0855-0920 [Trends in Storm Power and “Infragravity Surge” on the Oregon Coast and the Impacts on the Life Cycles of Coastal Infrastructures](#)
 Mr. Hans R. Moritz and Ms. Heidi P. Moritz, NWP
- 0920-0945 [Ocean Monitoring and Prediction Activities in the Pacific Northwest: The Present and Future of IOOS-NANOOS and of the National Science Foundation Science and Technology Center for Coastal Margin Observation and Prediction](#)
 Dr. Antonio M. Baptista, Oregon Health & Science University
- 0945 – 1000 Break
- 1000 – 1440 **Systems Based Approaches to Corps Missions**
- 1000 – 1200 **Mouth of the Columbia River – Regional Sediment Management (RSM) and Major Rehabilitation Issues**
 Ms. Doris J. McKillip, NWP, Moderator
- 1005-1035 [Overview of the Southwest Washington Coastal Erosion Study and the Segue to RSM-related Activities around the Mouth of the Columbia River](#)
 Dr. Samuel Y. Johnson, U.S. Geological Survey, and
 Mr. George Kaminsky, Washington Department of Ecology
- 1035-1100 [Overview of the Historical and Ongoing Changes around the North and South Jetties at the Mouth of the Columbia River](#)
 Ms. McKillip
- 1100-1135 [Challenges of Combining Science, Policy, and Local Needs](#)
 Ms. Jane Bacchieri, Office of the Governor, State of Oregon, and
 Mr. Steve Greenwood, Lower Columbia Solutions Group
- 1135-1200 [Challenges in Maintaining our Large Coastal Navigation Structures and Sediment-Nourished Shoals](#)
 Mr. Moritz
- 1200 – 1315 Lunch (Grand Ballroom II – lower level of Hilton)

- 1315 – 1440 **Willapa Bay and Grays Harbor Long-Term Management Strategy**
Mr. Hiram T. Arden, Seattle District (NWS), Moderator
- 1320-1350 [Willapa Bay, WA: Morphological Trends and Flood Probability of Empire Spit](#)
Dr. Peter Ruggiero, Oregon State University
- 1350-1415 [MORPHOS Modeling of Nearshore Morphology and Data Needs](#)
Dr. Bradley D. Johnson, CHL
- 1415-1440 [Grays Harbor Long-Term Management Strategy: A New Perspective](#)
Mr. David R. Michalsen and Mr. Norman K. Skjelbreia, NWS
- 1440 – 1455 Break
- 1455 – 1630 **System-Based Approach – West Coast Issues and Applications**
Mr. Charles B. Chesnutt, IWR, Moderator
- 1500-1520 [Western States Watershed Study](#)
Mr. Douglas E. Lilly, Tulsa District
- 1520-1600 Project vs. System Budget Challenges
 - o [Headquarters Perspective](#)
Mr. Pete C. Luisa, HQUSACE
 - o [Partner Perspective](#)
Dr. Glenn Vanselow, Pacific Northwest Waterways Association
- 1600-1630 West Coast Governors’ Agreement on Ocean Health
[none] Ms. Kathleen Drew, Office of the Governor, State of Washington, and
Ms. Jessica S. Hamilton, Office of the Governor, State of Oregon
- 1630 – 1700 Public Comment
- 1700 – 1730 Board Recommendations and Closing Remarks
- 1730 Adjourn
- Dinner on Own

Thursday, 25 September 2008 (Attire: Military ACU - Civilian casual)

- 0800 – 1300 Board Field Trip (Fly over)
- 1300 – 1430 Lunch on own
- 0800 – 1815 Optional Bus Field Trip for General Attendees (stop scheduled for lunch)
- 1430 – 1700 Executive Session (Salon I, Executive Tower)
- 1830 - Dinner on Own