

**Working Agenda
USACE HH&C Community of Practice**

Coastal Working Group Meeting and Workshop

Coastal and Hydraulics Laboratory, ERDC, Vicksburg, MS 03-06 June 2008

**Continuing to Strengthen Our Coastal Working Group
Challenges, Successes and Using the "Right" Tools**

Tuesday 3 June 2008

CHL Conference Facility, Room 495

- 08:00 Welcome from the Coastal and Hydraulic Laboratory – *Tom Richardson, CHL*
- 08:10 Introductions and Logistics – *Bill Curtis, CHL*
- 08:15 Coastal Working Group Business – *Lynn Bocamazo, NAN*
- 08:30 Panel Discussion: R&D Process
Panel: Charley Chesnutt, IWR, Jack Davis, Jeff Lillycrop, Bill Curtis, CHL
- ✦ USACE Coastal Program
 - ✦ R&D Programs & R&D Tools and Products Status Update
 - ✦ Civil Works R&D Process
- 09:30 District/Division Blitz- POD, NPD, SPD, SWD
- Each district/division will have 5 minutes (5 slide limit) to identify top highlights, concerns, lessons learned, problems/needs relative to coastal issues over past year.
- 10:15 Break
- 10:45 District/Division Blitz- SAD, NAD, MVD, LRD
- Each district and division will have 5 minutes (5 slide limit) to identify top highlights, concerns, lessons learned, problems/needs relative to coastal issues over past year.
- 12:00 Box Lunch Discussion:¹ Coastal Data Collection & Mission-Based Needs – *Bill Birkemeier, CHL*
- 13:00 Panel Discussion: Coastal Flooding Issues and Research Needs:
Hurricane Katrina-Design Implications for the US
Session Moderator: Phil Ross
Panel: Bruce Taylor, CERB, Susan Rees, SAM, Edmond Russo, CHL, Ty Wamsley, CHL, Phil Ross, LRE, Nancy Powell, MVN
- ✦ LACPR update, MSCIP update
 - ✦ Post-Katrina Design Lessons Learned, Integrating the Hydraulic Approach into Structural and Geotechnical Designs
 - ✦ LACPR and MsCIP Regional System-wide Analysis: Storm Surge and Wave Modeling
 - ✦ Policy- Implications for the USACE
 - ✦ Great Lakes Flooding Issues

¹ Box lunches will be available for order for Box Lunch Discussions on Tuesday & Wednesday

14:45

Poster Session and R&D Exhibition²
POC: Bill Mullen, CHL

Posters

- ✦ Variable Height Bulkhead - *Diane Rahoy, NAN*
- ✦ Wave Information Studies 2008 - *Barbara Tracy, CHL*
- ✦ Wave and Surge Modeling for the New Orleans Hurricane and Storm Damage Risk Reduction System - *Alison Sleath, Hurricane Protection Office*
- ✦ Channel Analysis and Design Evaluation Tool (CADET) for Prediction of Deep Draft Underkeel Clearance, *Mike Briggs, CHL*
- ✦ Climate Urban Hydrology (2), *Andy Casper, EL*
- ✦ Assessing the Intensity of Coastal Storms by Combining Wave Power with Surge Volume, Oregon Coast, *Heidi Moritz, NWP*
- ✦ Mouth of the Columbia River Jetties-Interim Repairs, *Heidi Moritz, NWP*
- ✦ Knik Arm and the Port of Anchorage, *Steve Hughes, CHL*
- ✦ Coastal Inlets Research Program: Work Unit Overviews, *Nick Kraus, CHL*
- ✦ Risk Based Management in Coastal Engineering Projects, *Don Stauble, CHL*

Displays

- ✦ Coastal Field Data Collection Program - *Bill Birkemeier, CHL*
- ✦ Coastal Inlets Research Program - *Nick Kraus, CHL*
- ✦ Dredging Operations and Environmental Research Program - *Doug Clarke, EL*
- ✦ Dredging Operations Technical Support - *Doug Clarke, EL*
- ✦ Ecosystem Management and Restoration Research Program - *Glenn Rhett, EL*
- ✦ Monitoring Completed Navigation Projects - *Lyn Hales, CHL*
- ✦ National Shoreline Erosion Control Development and Demo Program - *Jeff Waters, CHL*
- ✦ Navigation Systems - *Jim Clausner, CHL*
- ✦ Regional Sediment Management Program - *Jeff Waters, CHL*
- ✦ System-Wide Water Resources Program - *Steve Ashby, EL*
- ✦ Sustainable Beach Management - *Bill Curtis, CHL*

15:30

Panel Discussion: Sea Level Rise and Climate Change - Technical and Policy
Session Moderator: *Tom Kendall, SPN*
Panel: *Ned Mitchell, CHL, Charley Chesnutt, IWR, Jeff Gebert, NAP, Kaiser Edmond, SAD*

- ✦ Effects in the coastal environment (practical)
- ✦ How to technically apply sea level rise
- ✦ Planning/Policy Implications
- ✦ Risk and Uncertainty
- ✦ Next steps to bring policy & technical together

18:30

Organized Dinner at Tony's Restaurant

² During breaks, posters/exhibits from Researchers, Program Managers & District staff will be displayed in conference center lobby (through Thursday)

Wednesday 4 June 2008
CHL Conference Facility, Room 495

- 08:00 Panel Discussion: Navigation and Dredging Issues and Research Needs
Session Moderator: Jeff Lillycrop, CHL
Panel: Jeff Melby, CHL, Doug Clarke, EL, Cheryl Pollock, CHL, Heidi Moritz, NWP, Ned Mitchell, CHL
- ✦ DOTS Navigation Program Support
 - ✦ Risk Matrix for Navigation Structures
 - ✦ Asset and Risk Management for Coastal Structures
 - ✦ Coastal Structures Condition Assessment
 - ✦ CSMART
 - ✦ Columbia River Jetty Rehab
- 09:45 Break
- 10:00 Panel Discussion: Coastal Models - from Hydrodynamics to Economics
Session Moderator: Brian Williams, SAC
Panel: Ty Wamsley, CHL, Jason Engle, SAJ, Jessica Podoski, POH, Harry Friebel, NAP, David Michalsen, NWS, Zeki Demirbilek, CHL
- ✦ Defining the State of the Art
 - ✦ Field Needs and Requirements
 - ✦ Practical Issues
 - ✦ Forums for Sharing Experience and Lessons Learned
- 11:45 Future Directions/Future Requirements of the CWG - *Lynn Bocamazo, NAN*
- 12:15 Box Lunch Discussion: Sediment Transport & Coastal Change Numerical Model (CASCADE) – *Nick Kraus, CHL*
- Concurrent Session A
- 13:00 Coastal Inlets Research Program Modeling Workshop (through noon, Friday)
POC: Nick Kraus, CHL
Location: CHL Conference Room, Room 200
- 13:30 Estuarine Advancements, Design and Research Needs
POC: Julie Rosati, CHL
Location: CHL Class Room, Room 224
- 13:30 Spatial Data Analysis with Coastal Data
POC: Jennifer Wozencraft, CHL & Rose Dopsovic, SAM
Location: CHL Conference Facility, Room 495
- 17:30 Adjourn

Thursday, 5 June

Concurrent Session B

- 8:00 CIRP Modeling Workshop, Continued – All Day
POC: Nick Kraus, CHL
Location: CHL Conference Room, Room 200
- 8:00 Regional Sediment Management Meeting - Morning
POC: Jeff Waters, CHL
Location: CHL Conference Facility, Room 495
- 13:00 CHARTS Project Delivery Team Meeting - Afternoon
POC: Jennifer Wozencraft, CHL
Location: CHL Conference Facility, Room 495

Friday, 6 June

- 8:00 CIRP Modeling Workshop, Continued – Morning
POC: Nick Kraus
Location: CHL Conference Room, Room 200
- 12:00 Adjourn

Additional Details

Meeting & Workshop Registration: Register at CHL website: [CHL - Coastal Workshop 2008](http://chl.erd.c.usace.army.mil/cwg2008) (<http://chl.erd.c.usace.army.mil/cwg2008>). There is no charge for the meeting and workshop sessions. Boxed lunches will be paid for by each participant upon arrival at CHL. Cost for the organized dinner will be paid for by each participant at the restaurant. **IMPORTANT: registration of name and organization is required, so that a list of participants can be provided to ERDC PAO and Security office prior to arrival of non-ERDC personnel.**

Lodging: See Vicksburg Area Hotel Listings attachment on above website.

PDH: Certificates for Professional Development Hours will be provided for each hour of participation in technical discussion or workshop.

Organizing committee: Monica Chasten, NAP, Linda Lillycrop, CHL, Lynn Bocamazo, NAN, Bill Curtis, CHL, Greg Williams, SAW, Phil Ross, LRE, Ken Eisses, POA, Heidi Moritz, NWP, Dinah McComas, CHL and Charley Chesnutt, IWR