

93rd COASTAL ENGINEERING RESEARCH BOARD MEETING

**San Juan, Puerto Rico
9-11 August 2016**

DRAFT AGENDA

THEME: A Systems Approach along Heterogeneous Coasts

Meeting Concept: *Identify research and technical capabilities required to integrate a patchwork of natural, urban, and partially developed coasts in a narrow shelf island environment to maximize value and minimize risk. Puerto Rico is a testbed to understanding the coupling between an inland watershed and coastal processes and hazards.*

Monday, 8 August 2016

1800 – 1900 Registration at Hotel

1900 Hotel Social TBD (Optional)

Tuesday, 9 August 2016

Meeting Attire: Military-ASU'B; Civilian-Business

0700 – 0800 Registration and Continental Breakfast

0800 **Call to Order**
COL Bryan S. Green, Designated Federal Officer (DFO)

0800 – 0820 **Welcome and Opening Remarks**
MG Donald E. (Ed) Jackson, Jr., Deputy Commanding General for Civil and Emergency Operations, Headquarters (HQ), U.S. Army Corps of Engineers (USACE)
BG David C. Turner, Commander, South Atlantic Division (SAD), USACE
COL Jason A. Kirk, Commander, Jacksonville District (SAJ), USACE

0820 – 0830 **Welcome Remarks**
Honorable Alejandro García Padilla, Governor of Puerto Rico (Invited)

0830 – 0845 Purpose and History of the CERB
Mr. José E. Sánchez, SES, Director, Coastal and Hydraulics Laboratory (CHL), Engineer Research and Development Center (ERDC)

0845 – 0900 Action Items Update
Mr. W. Jeff Lillycrop, USACE/ERDC/CHL

0900 – 1030 **Puerto Rico State of the Coast - Panel**
Moderator: Ernesto L. Díaz, Department of Natural and Environmental Resources (DNER), Puerto Rico (PR)

0900 – 0930 Puerto Rico's Coastal Risk Challenges
Mr. Ernesto L. Díaz, DNER, PR

- 0930 – 1000 Puerto Rico Water Resources Infrastructure Challenges
Mr. Sean L. Smith, HQ, USACE
- 1000 – 1030 Regional Sediment Management (RSM) Challenges on the Highly Variable North Shoreline (A Primer for the Field Trip)
Mr. Jason A. Engle, USACE/SAJ
- 1030 – 1100 Break and Board Buses (Security Escort Provided)
(All: Civilian Appropriate Attire for Walking Tour)**
- 1100 – 1130 En Route to Stop 1**
1130 – 1230 Stop 1: Piñones and Lunch
Variable Morphology and Associated Challenges (Poster/Placemat)
Speaker TBD
- 1230 – 1300 En Route to Stop 2**
1300 - 1430 Stop 2: Loíza
Presentation of Work Done to Date
RSM Challenges
Research Needs
- 1430 – 1530 Travel to Hotel
- 1530 – 1630 Executive Time
- 1630 Board Buses for El Morro Tour Followed by Dinner in Old San Juan
- 1630 – 1700 Travel to El Morro
- 1700 – 1800 El Morro Tour and Project Briefings
- 1800 Board Buses or Walk to Restaurant, Old San Juan
- 1800 - 2000 Dinner in Old San Juan (Individual Pay)**

Wednesday, 10 August 2016

Meeting Attire: Military-ASU'B; Civilian-Business

- 0700 – 0800 Registration and Continental Breakfast
- 0800 – 0815 Opening Remarks**
MG Donald E. (Ed) Jackson, Jr., Deputy Commanding General for Civil and Emergency Operations, HQUSACE
- 0815 – 1015 Addressing Coastal Research Challenges - Panel**
Moderator: TBD
- 0815 – 0845 Challenges Characterizing Heterogeneous Coasts
Ms. Jennifer M. Wozencraft, USACE/ERDC/CHL

- 0845 – 0915 Generation 2 Coastal Risk Model
Mr. Mark R. Gravens, USACE/ERDC/CHL
- 0915 – 0945 Project Impacts Due to Deficient Processes Models
Dr. Kelly R. Legault, USACE/SAJ
- 0945 – 1000 Break**
- 1000 – 1030 Puerto Rico Modeling Testbed, Waves, Surge, and Coral Reefs
Dr. Jane M. Smith, USACE/ERDC/CHL
- 1030 – 1100 State of Knowledge and Capability for Urban Flood Modeling
Dr. Chris Massey, USACE/ERDC/CHL
- 1100 – 1130 Modeling Storm Surge in Puerto Rico
Dr. Aurelio Mercado, University of Puerto Rico (UPR)
- 1130 – 1200 Integrated Watershed Infrastructure Interdependencies
Mr. Brandan Scully, USACE/ERDC/CHL
- 1200 – 1300 Lunch (Hotel Buffet Pay at Registration)**
- 1300 – 1330 Application of USACE Modeling Tools in Puerto Rico
Dr. Miguel Canals, UPR
- 1330 – 1400 CARICOOS: Ocean Observing in Support of Coastal Engineering and Navigation
Dr. Sylvia Rodríguez, UPR
- 1400 – 1430 Artificial Reef Systems in High Energy Environments
Dr. Alfredo Torruella, UPR
- 1430 – 1500 Break**
- 1400 – 1530 Coastal Dune Research
Dr. Julie D. Rosati, USACE/ERDC/CHL
- 1530 – 1600 Integrated Federal Coastal Nearshore Processes Research Implementation Plan
Mr. W. Jeff Lillycrop, USACE/ERDC/CHL
- 1600 – 1630 Public Comment
- 1630 – 1700 Board and Closing Remarks
- 1700 Adjourn**
- 1900 Board Dinner (Yerba Buena)**

Thursday, 11 August 2016

Meeting Attire: Military-ASU'B; Civilian-Business Casual

0800 – 1200 Executive Session