**99th BOARD ON COASTAL ENGINEERING RESEARCH MEETING**

15-17 August 2023

Hilton Miami Dadeland Hotel

9100 N Kendall Dr, Miami, FL 33176

**WebEx**

TBD

**By Phone**

TBD

**DRAFT AGENDA**

**(speakers pending invitations and briefing titles to be confirmed)**

**THEME:** Community integration with non-structural and hybrid solutions

***Meeting Concept*:** *Identify coastal research needs associated with integrated natural, nature-based, hybrid, traditional, and non-structural solutions that are co-developed to meet coastal community needs*

**(All in Eastern Time)**

Monday 14 August 2023 – Board Dinner

1830- Pre-Brief Dinner- Table 55 located inside Hilton Dadeland Hotel

Tuesday 15 August 2023 – Hilton Miami Dadeland Hotel

**Meeting Attire: Military- Cammies/OCP; Civilian-Business Casual**

0700 0830 Registration TBD

0730 0830 Breakfast

0830 **Call to Order**

**0830 0900 Welcome and Introductions**

MG David C. Hill, Deputy Commanding General for Civil and Emergency Operations

COL James L. Booth, Commander, USACE Jacksonville District

0900 0930 Purpose and History of the BCER

Proposal for 100th BCER Meeting

Update on CW R&D Activities (leadership, budget, account)

Dr. Ty V. Wamsley, SES, Director Coastal & Hydraulics Laboratory (CHL)

***Panel Session #1: Jacksonville District’s (SAJ) Coastal Setting and Challenges***

Moderator: Mr. Chris McNees, USACE Jacksonville District (SAJ)

0930 1000 Overview of Miami-Dade Integrated Coastal Projects and R&D Needs

 Tim Gysan / Eva Velez, USACE Jacksonville District (unconfirmed)

 Projects: Miami shoreline/ backbay/ BBSEER/ harbor/ CSF 216

 BBSEER=Biscayne Bay and Southeastern Everglades Ecosystem

Restoration; CSF=Central and Southern Florida Section 216 Flood

Resiliency Study

**1000 1015 Break**

1015 1045 Miami and Collier County Back Bay Study – Lessons Learned and Gaps

Michelle Hamor, USACE Norfolk District and lead on BackBay Study

CONFIRMED

1045 1115 Partner Perspective: Miami-Dade County Back Bay – Community R&D

 Needs

 Jim Murley, Miami-Dade County Chief Resiliency Officer, Project Sponsor

(unconfirmed)

1115 1145 Partner / USACE Perspective: Key Biscayne – Community R&D Needs

 Dr. Roland Samimy, Chief Resilience Officer, Village of Key Biscayne

 Jason Engle, USACE Jacksonville District, Coastal Engr Branch Chief

 CONFIRMED

*Note: Include discussion of how communities are engaged in USACE project planning, formulation, and co-development of solutions. Ensure that community partnership perspective and integration are represented in these presentations*

**1145 1245 Working Lunch Onsite**

***Panel Session #2: BCER Action Items***

Moderator: TBD

1245 1315 CHART Fundamentals (POC Kevin Hodgens and CHART team)

CONFIRMED

1315 1345 NAD Environmental Justice and non-structural challenges (POC TBD)

1345 1415 “Environmental Justice and Maximizing National Benefits: Paths Forward,

Detours and Wrong Turns,” Susan Durden, Senior Economist, Institute for

Water Resources, USACE CONFIRMED

1415 1445 Industry Perspective: Tools to Assist Communities in Coastal Resilience

Dr Angela Schedel, Global Director of Coastal Programs, HDR

CONFIRMED

**1445 1500 Break**

***Panel Session #3: Broadening and Quantifying Benefits***

Moderator: TBD

1500 1530 Quantifying Benefits of Natural and Nature-Based Solutions

Soupy Dalyander, Senior Research Scientist, and Jean Cowan, Senior Project Manager, The Water Institute of the Gulf CONFIRMED

1530 1600 Coastal Storm Damages Prevented Tool

Marriah Abellera, IWR, and Matt Wesley, SAJ

CONFIRMED

1600 1630 Technical Site Visit Overview [POC TBD]

1630 1700 Wrap up Day 1 Feedback from the Board

1830 2100 Optional Evening Social TBD

Wednesday 16 August 2023 – Hilton Miami Dadeland Hotel

**Meeting Attire: Field**

0730 0800 Board Busses and transit to field sites

0800 0900 Site Visit 1: Miami Beach nourishment TBD

0900 1000 Transit to Site 2

1000 1100 Site Visit 2: Key Biscayne TBD

1100 1200 Transit back to hotel

1200 1300 Box Lunch; Break Menu options will be provided during registration

***Panel Session #4: Future Coastal R&D Innovations***

Moderator: TBD

1300 1330 Board Feedback on Site Visits

1330 1400 Machine Learning and Artificial Intelligence in Coastal Applications

 Dr. Chris Massey, CHL CONFIRMED

1400 1430 Coastal Adaptation Pathways for Barrier Island Communities

Dr. Stephanie Patch, University of South Alabama CONFIRMED

**1430 1445 Break**

1445 1515 Summary of Outcomes and Recommendations

Dr. Jane Smith, Emeritus ST, CHL CONFIRMED

1515 1545 Public Comment

1545 1615 Summary of Action Items

 Dr. Julie Rosati, CHL

1615 1645 Board Closing Remarks

 Open Discussion Board Members

1645 Adjourn

**99th BOARD ON COASTAL ENGINEERING RESEARCH MEETING**

**Executive Session**

**Purpose:** *Review Action Items from 99th BCER, Update Board on any older Action Items needing briefs, plan for 2024 Exec Session and 100th BCER*

**17 August 2023**

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TBD

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TBD

**Thursday, 17 August 2023**

**Meeting Attire: Military-ASU’B; Civilian-Business Casual**

Miami Dadeland Hotel

0800 – 0815 Opening Remarks MG Graham

0815 – 0915 Discussion of the 98th BCER MG Graham / All

0915 – 0945 2024 Executive Session/100th BCER

 Location and Focus

0945 – 1000 Break

1000 – 1015 Action Items Update Dr. Julie Rosati

1015 – 1045 Closing Remarks Board

1045 Adjourn