



**USACE NOAA-NOS Collaboration Meeting Agenda on Natural and Nature-Based Features (NNBF)**  
**National Centers for Coastal Ocean Science (NCCOS) Laboratories**  
 331 Fort Johnson Rd  
 Charleston, SC 29412  
 March 1-3, 2016

**Workshop Outcome:**

- ◆ Strengthen application and facilitate appropriate implementation of NNBF.

**Objectives:**

- ◆ Assemble senior USACE/NOS leaders and technical staff to identify opportunities to leverage each agency’s investments and capabilities with respect to design, development, implementation, monitoring, adaptive management of NNBF and associated ecosystem services.
- ◆ Identify high-priority, resilience-based NNBF projects of common interest to USACE and NOS through use of plenary and breakout sessions. Categorize and prioritize projects that are identified for future collaboration by USACE and NOS.
- ◆ Form a USACE/NOS Leadership and Implementation Group to provide agency advocacy, track progress, provide ongoing direction/oversight, and ensure accountability.
- ◆ Develop and publish a joint USACE/NOS report that documents results of the meeting.

**February 29                      Travel to Charleston, SC**

**March 1**

<b>Time</b>	<b>Action</b>	<b>Lead or Speaker</b>
7:30 – 8:00	Arrive at CCEHBR Laboratory (Please see Ft. Johnson Campus Map)	All
8:00 – 8:10	Welcome/Quick Introductions	King, Bridges
8:10 – 8:30	Initial Thoughts	Erickson/Fleming
8:30 – 9:00	Approach to Workshop/Expectations	Marcy
<b>Plenary Session Begins: USACE “Setting the Stage”</b>		
9:00 – 9:45	Engineering with Nature (EWN) for Coastal Resilience – Application to NNBF	Bridges
9:45 – 10:30	Engineering Considerations for NNBF	Piercy/Welp/Bryant
10:30 – 10:45	Break	

<b>Plenary Session Continues: NOS “Setting the Stage”</b>		
10:45 – 11:15	Overview of NOAA/NOS Work with Linkages to Coastal Resilience and Natural and Nature-Based Solutions	Payne
11:15 – 11:45	Applying NOAA/NOS Coastal Intelligence to Inform Planning and Implementation of NNBF	Edwing
11:45 – 12:15	NOAA/NOS Science Supporting Coastal Resilience and NNBF	Erickson
12:15 – 1:00	Lunch Catered by Black Bean Company	All
1:00 – 1:15	Plenary: Introduction of Breakout Group Process	Marcy
1:15 – 3:15	Breakout Session 1 – Question 1 for All Groups (Walk to Hollings Marine Laboratory)	All
3:15 – 3:45	Break	
3:30 – 5:00	Plenary: Session 1 Report Out & Discussion of Results (15 mins per group including Q&A)	Marcy, Team POCs
5:00 – 5:15	Dinner Instructions & Adjourn Day 1	Marcy
5:15 – 8:00	Group Dinner in Downtown Charleston	

**March 2**

<b>Time</b>	<b>Action</b>	<b>Lead or Speaker</b>
7:30 – 8:00	Arrive at CCEHBR Laboratory	All
8:00 – 8:30	Plenary: Plan for Day 2 & Instructions for Breakout Session 2	Marcy
8:30 – 10:15	Breakout Session 2 – Question 2 for all Groups (Walk to Hollings Marine Laboratory)	All
10:15 – 10:30	Break	
10:30 – 11:45	Plenary: Session 2 Report Out & Discussion of Results (15 mins per group including Q&A). Assign lead group for duplicative ideas.	Marcy, Team POCs
11:45 – 12:00	Plenary: Instructions for Breakout Session 3	Marcy
12:00 – 2:15	Working Lunch (Catered by Panera Bread) & Breakout Session 3 – Question 3 for All Groups & Prioritization of Team Ideas (Walk to Hollings Marine Laboratory)	All
2:15 – 2:30	Break	
2:30 – 3:45	Plenary: Session 3 Report Out & Discussion of Results Plus Chart Posting of Prioritized List of Project Ideas from Each Team	Marcy, Team POCs
3:45 – 4:30	Plenary: Voting Exercise to Prioritize/Rank Top 4 Proposed Projects & Day 2 Recap	Marcy, All
4:30	Adjourn Day 2 (Dinner on your Own)	

**March 3**

Time	Action	Lead or Speaker
7:30 – 8:00	Arrive at CCEHBR Laboratory	All
8:00 – 8:15	Plenary: Plan for Day 3	Marcy
8:15 – 9:30	Plenary: Discussion of Prioritization Results	Marcy
9:30 – 9:45	Break	
9:45 – 11:00	Concurrent: Tour of HML for Most Attendees & Senior Leader Coordination Meeting	All – 2 Groups
11:00 -11:30	Plenary: Senior Leader Report Out	TBD
11:30 – 11:45	Closing Thoughts & Next Steps	Bridges, King
11:45	Meeting Adjourns	

**Discussion Rules:**

Please silence all WMDs (weapons of mass distraction)

Share the Air

Limit Acronyse (explain first time used)

Respect Time Allotments

Avoid Sidebar Conversations

Minimize “Bunny Trails”, Stay Focused on Topic

Limit War Stories – Use Headline Version

Focus on the Quality Few versus the Mediocre Many

Disagree without being disagreeable

ELMO Empowerment (enough, let’s move on)

Thumbs Voting for Quick Consensus, Dots for Other

OTRs (on time video rewards)

Have Some Fun!

Others?

**Small Groups:**

**Team 1**

Facilitator – Dave Eslinger

Location – Room A103

**Team 2**

Facilitator – Melissa Ladd

Location – Room H106

### Team 3

Facilitator – Rebecca Love

Location – Room H206

### Team 4

Facilitator – Jennifer Mintz

Location – Room A230

#### Small Group Session 1:

**Discuss:** What are the largest sources of uncertainty concerning NNBF design, performance, and management (including Operations & Maintenance)? How might an increased understanding of ecosystem services provided by NNBF be used in decision-making in coastal communities (for example, understanding performance of different features)? Please provide your rationale, succinctly. Given these levels of uncertainty, what specific physical, ecological, or social processes/science should be targeted and considered in order to advance the use and integration of NNBF into coastal infrastructure strategies?

**Report:** PPT of largest sources of uncertainty, how ecosystem services might be used for decision making, and specific physical, ecological, or social processes/science to target to advance the use and integration of NNBF into coastal infrastructure strategies.

#### Small Group Session 2:

**Discuss:** What types of NNBF projects is your organization currently conducting? What types of NNBF projects present the best opportunities and biggest challenges for USACE and NOS going forward (considering research priorities, policy, planning, permitting issues, construction, operations, etc.)? With respect to your answer(s) above, what geographic settings present the best opportunities and biggest challenges? Please provide your rationale, succinctly.

**Report:** PPT examples of possible NOS/USACE collaborative projects to include: title, geographic location, key opportunities, key challenges and why they were selected.

#### Small Group Session 3:

**Discuss:** What future NNBF projects would you prioritize for collaboration by USACE and NOS? Existing projects that can be leveraged should also be included. What do you consider to be the key aspects or elements of these collaboration projects? When considering your priority project(s), what key next steps should be taken to advance the collaborative efforts? Use worksheet 4 for individual project ranking. Then, combine scores for the final team rankings of 3-5 ideas from the team to present in the Plenary.

**Report: 1)** PPT of your top 3-5 Ideas to include: title, key aspects/elements, location, rationale for priority rank, and next step.

**Prioritization criteria to use:** (where applicable)

- Feasibility – Is this an ongoing or planned project that could be modified vs. new effort?
- Project Timeline – Would the project be implemented in the near- (immediate to 1 year), mid- (2-4 year), long-term (5-7 year) timeframe? (Note: ideally, the project portfolio would include a range of timeframes, with a bias toward near-term).

- Interagency Involvement – Will the project be suitable for involvement by both NOAA and USACE at a minimum and is it appropriate for investment by both agencies and perhaps other stakeholders?
- Regulatory Challenges – Are there particular regulatory/legal challenges that might delay or prevent project implementation?; and
- Geographic and Habitat Diversity – Diversity in geographical location and habitat type across the portfolio of collaboration projects (e.g., coastal, wetland, seagrass, oyster castles, etc.).

2) Provide a chart page(s) with your group's prioritized list of top 3-5 project titles numbered and separated by white space to allow for dot voting. You will post this chart in the Plenary room.