



DRAFT AGENDA
Guidelines on the Use of Natural and Nature-Based Features
for Sustainable Engineering
Working Meeting
September 17-21, 2018

Host: The Nature Conservancy
University of California, Santa Cruz
Coastal Biology Building
Room 110
130 McAllister Way
Santa Cruz, CA 95060

Workshop Outcomes

- Chapter Teams receive feedback from Editorial Board following review of initial first drafts, which further facilitates integration and consistency of Guidelines;
- Progress on case study documentation with recommendations for preferred chapters;
- Progress on individual chapters and the NNBF Guidelines Document overall;
- Participation in 1-DAY, NNBF Symposium to learn about applicable projects and practices from NNBF practitioners; and
- Participation in site visits to review and inspect NNBF projects.

Participants

Chapter Co-Leads, Chapter Team Members, and Editorial Board Members.

Objectives

The objectives for this collaborative meeting are as follows:

- Assemble Guidelines Team Members from government, NGOs, universities, and international organizations to advance the development of the Guidelines;
- Participate in reviews and report out from respective Editorial Board members following review of initial first drafts;
- Assess status of individual chapters for purposes of integration, consistency, and further development;
- Synthesize recommendations from Editorial Board and Chapter Team participants
- Harmonize representation of case studies and references within chapters; and
- Refine schedule of activities and milestones (as needed) for developing/publishing the Guideline

September 17, 2018

DAY 1 - JOINT MEETING		
Time	Agenda	Lead(s)
0830 – 0900	Check-In - Meet & Greet: University of California, Santa Cruz Coastal Biology Building, RM 110 130 McAllister Way Santa Cruz, CA 95060	
0900–0915	Call to Order Welcome & Introductions	1. Todd Bridges, Senior Scientist, USACE- ERDC 2. Mike Beck, TNC
0915-0945	Plenary Session: Review of Workshop Agenda; Where are We Now? Where are we going?	Todd Bridges
0945 – 1115	Plenary Session: Brief Chapter Updates <ul style="list-style-type: none"> • Status • Critical Needs • Request for Input 	Chapter Co-Leads
1115 – 1200	High-Level Messages from the Editorial Board	Todd Bridges and Editorial Board Members
1200 – 1330	Lunch & Side Bars <ul style="list-style-type: none"> • Drunk Monkeys Food Truck • Bike-able: <ul style="list-style-type: none"> ○ Taqueria La Cabana ○ Taqueria Santa Cruz ○ Upper Crust Pizza ○ Kelly's French Bakery 	
1330 – 1400	Protecting areas of Silicon Valley against sea level rise	Invited: Len Materman, Executive Director San Francisquito Creek Joint Powers Authority
1400 – 1415	Plenary Session: Breakout Group Orientation Review Chapter Representation and Discuss Expectations for Breakout Groups	Jeff King and Mike Beck

1415-1430	Break	
1430 – 1700	Breakout Session 1: Teams Work on Respective Chapters – Editorial Board Members work with their respective Chapter Teams.	All

September 18, 2018

DAY 2 - JOINT MEETING		
Time	Agenda	Lead(s)
0800-0830	Check-In - Meet & Greet: University of California, Santa Cruz Coastal Biology Building, Rm 110 130 McAllister Way Santa Cruz, CA 95060	
0830 - 0915	Plenary Session: Chapter Team Reports from Breakout Session 1	Chapter Co-Leads
0915-0930	Break	
0930 – 1130	Break Out Session 2: Teams Work on Respective Chapters with Input from Editorial Board Members	All
1130 – 1200	Plenary Session: Chapter Team Updates from Breakout Session 2	Chapter Co-Leads
1200 - 1330	Lunch <ul style="list-style-type: none"> • El Buen Taco Truck • Walkable: <ul style="list-style-type: none"> ○ Taqueria La Cabana ○ Taqueria Santa Cruz ○ Upper Crust Pizza ○ Kelly's French Bakery 	
1330 – 1400	Plenary Session: Layout/Display of Case Studies and Other Chapter “Call Out” Box Information	Georganna Collins
1400-1415	Break	

1415 - 1445	Elkhorn Slough Tidal Wetland Project: Hydrodynamic Modeling and Morphologic Projections of Large-Scale Restoration Actions	Monique Fountain, Tidal Wetland Project Director, Elkhorn Slough National Estuarine Research Reserve
1445 - 1700	A. Break Out Session 3: Teams Work on Respective Chapters and Case Studies and B. Editorial Board Member Meeting	All Editorial Board Members
1700	Adjourn	

September 19, 2018

DAY 3 - JOINT MEETING		
Time	Agenda	Lead(s)
0800 – 0830	Check-In - Meet & Greet: University of California, Santa Cruz Coastal Biology Building, Rm 110 130 McAllister Way Santa Cruz, CA 95060	
0830 – 0900	Plenary Session: Chapter Team Reports from Breakout Session 3	Chapter Co-Leads
0900 – 0930	Feedback from Editorial Board: Recommendations for Breakout Session 4	Todd Bridges and Editorial Board Members
0930-0945	Break	
0945 - 1200	Break Out Session 4: Teams Work on Respective Chapters and Case Studies with Input from Respective Editorial Board Members	All
1200 - 1330	Lunch <ul style="list-style-type: none"> • El Buen Taco Truck • Walkable: <ul style="list-style-type: none"> ○ Taqueria La Cabana ○ Taqueria Santa Cruz ○ Upper Crust Pizza ○ Kelly's French Bakery 	

1330 - 1430	Plenary Session: Final Chapter Team Reports from Breakout Session 4 <ul style="list-style-type: none"> • Path Forward 	Chapter Co-Leads
1430 - 1500	Break	
1500 - 1545	Overview Of Alviso Ponds, South Bay Salt Pond Restoration Project & Logistics for NNBF Symposium and Fieldtrip	Sid Narayan Jeff King
1545 -1630	Wrap Up of Working Session <ul style="list-style-type: none"> • Review Outcomes from First Three Days • Discuss Next Steps for NNBF Guidelines • Plans for Next Face-to-Face Meeting 	Todd Bridges
1630	Adjourn	

September 20, 2018

DAY 4 - NNBF SYMPOSIUM	
Time	Agenda
0730 -0800	Check-In: University of California, Santa Cruz Coastal Biology Building Room 110 130 McAllister Way Santa Cruz, CA 95060
8:00 – 5:00	<p>NNBF Symposium Experts from around the world will discuss the challenges and opportunities of designing, implementing, and maintaining nature-based features in conjunction with flood risk reduction measures. Join us to share, learn and advance science and engineering practices that support the use of natural and nature-based features. The symposium will feature 12-14 speakers with diverse expertise in the field.</p> <p>Please register online: https://ewn.el.erdc.dren.mil/sym.aspx</p> <p>The symposium flyer, confirmed speaker list are posted on the registration site. Please check the site periodically for posting of the draft agenda.</p> <p>A lunch break (12:00 – 1:15) is also scheduled. Information about lunch options will be made available.</p>
5:00	Adjourn
5:00 – 7:00	Networking Event

September 21, 2018

DAY 5 - SITE VISITS		
Time	Agenda	Lead(s)
0800	<p>Check in for Site Visits: University of California, Santa Cruz Coastal Biology Building 130 McAllister Way Santa Cruz, CA 95060</p> <p>Transportation to/from UCSC will be provided. Picnic lunch at the marsh.</p> <p>1.5 Hr Commute to First Site</p> <ol style="list-style-type: none"> 1. Alviso Ponds, South Bay Salt Pond Restoration Project http://www.southbayrestoration.org/ <ol style="list-style-type: none"> a. Introduction to the area b. Group A will do a 0.5 mile guided walk to see marsh restoration c. Group B will get into 2 vans to go out to the edge of the Bay. d. The two groups will then switch around. <p>30 Min Commute to Second Site</p> <ol style="list-style-type: none"> 2. San Franscisquito Creek Joint Powers Authority http://sfcjpa.org/ <p>2 Hr Commute Back to UCSC, arrive ~ 5PM</p> <p>Boxed Lunch will be available for purchase prior to departure on Friday.</p> <p>Please bring water, hats, binoculars (if desired) and comfortable walking shoes</p>	<p>John Bourgeois, Executive Project Manager South Bay Salt Pond Restoration Project</p> <p>Kevin Murray, Senior Project Manager, San Franscisquito Creek Joint Powers Authority</p>
1700	Adjourn	

Parking:

A map of the UCSC's Coastal Science Campus is also included at the end of this agenda. Parking Lot 206 is adjacent to the Coastal Biology Building and recommended for visitors that plan to attend the symposium. Visitors have access to paystations located in the large visitor parking lots (\$1.50/hour or \$9/day). You will enter your license plate number at the paystation, and you do not need to leave your receipt in the vehicle.

Meals and Refreshments:

To offset break refreshments, we'd be grateful for each participant contribute \$30 for the week. The Friday Box lunch for those traveling to the site visits will be \$14. Exact change will be most helpful.

Attire for Working Sessions:

During our working sessions and NNBF Symposium (17-20 SEP), business casual is the appropriate attire.

Site Visit Information:

For our site visit on Friday, please bring clothing suited to field-related activities. All sites are easily accessible. However, we will be outdoors, and it will be important to dress appropriately. Field shoes and long pants are recommended. Also, please remember to bring rain gear. Rain or shine, we will be visiting the sites.

During the week, we will also have the option to order a box lunch for Friday. We'll plan to bring the lunches with us on the bus.

Contacts While Traveling and During Meeting

While traveling or during our meeting, you may need to contact one of our conference organizers. Please don't hesitate to contact the following people if you have any questions or need any assistance during the meeting.

- Todd Bridges – email: todd.s.bridges@usace.army.mil; cell phone/text: 601-831-0691
- Jeff King – email: jeff.k.king@usace.army.mil; cell phone/text: 202-706-3534
- Sid Narayan – email sidnarayan@ucsc.edu; cell phone/text: 805-284-5827

