**Discussion 1 – Integration at the Site Scale**

Purpose

* Provide opportunity for participants to discuss scaling up the use of natural infrastructure by using wetland and aquatic resource assessment and prioritization tools to identify and develop projects at the site scale.
* Collectively brainstorm resources/research needed to scale up use of existing tools and build partnerships and community capacity at the site scale (e.g., data, checklists, etc.)

Plan

* Discussion: Think about and discuss the opportunities and challenges for integration of natural resource prioritization tools in hazard planning and project development *at the project or site scale.* Some possible discussion prompts:
  + From the hazard planning perspective: How are mitigation strategies/projects incorporated into hazard mitigation plans; what is the best moment in the planning process for natural resource agencies to bring in projects/data; should specific projects even be incorporated in plans; how are projects brought to planners for funding; what kinds of projects are desirable?
  + From the natural resource perspective: What data/information is needed to identify projects that address flood hazards/impacts; what kinds of projects can best provide multiple benefits; how do we address the language/terminology differences among professions?
  + How can natural resource tools/methodologies aid in the use of the benefit cost analysis?
* Brainstorm: As a group discuss ideas for next steps/action items to address the issues/opportunities identified in the discussion (i.e., resources needed or research necessary to further integration and scale-up the identification and implementation of nature-based projects).
* Record and Report: Select three (or more!) top priorities to bring back to the full group. Choose a reporter to report back to the entire group.

Logistics

* Each group will have 6-8 participants with a mix of expertise/background.
* Participants will be sent to a breakout room for the discussion.
* **Introductions**: Groups will do quick introductions and select a recorder and reporter.
* **Initial thoughts:** We suggest that each group then takes 5 minutes for all group members to add their initial thoughts to questions that have been outlined in a google doc created for each group (a link for the breakout group’s google doc will be sent via the chat function).
* **Discussion:** The group will then take 30 minutes for discussion and brainstorming; building off the initial notes in the google doc.
* **Prioritization**: The group will take the final 10 minutes to prioritize action items.

Schedule

3:30 – 4:15 – Breakout Discussion

4:15 – 4:45 – Group Report back

4:45 – 5:00 - Discussion

Discussion 2 – Integration at the Watershed Scale

Purpose

* Provide opportunity for participants to discuss scaling up the use of natural infrastructure by using wetland and aquatic resource assessment and prioritization tools to identify and develop projects at the watershed scale.
* Collectively brainstorm resources/research needed to scale up use of existing tools and build partnerships and community capacity at the watershed scale (e.g., data, checklists, etc.)

Plan

* Discussion: Think about and discuss the opportunities and challenges at the watershed scale. Some possible discussion prompts:
  + From the hazard planning perspective, how can a watershed perspective be incorporated into planning at a jurisdictional scale? How can these tools be useful for the risk/vulnerability assessment; how do we address the language/terminology differences among professions?
  + From the natural resource perspective, what data/information is needed at the watershed scale; how do we address geographic scale of projects (e.g., address impacts upstream, effectiveness of downstream projects); mapping versus modeling?
* Brainstorm: As a group discuss ideas for next steps/action items to address the issues/opportunities identified in the discussion (i.e., resources needed or research necessary to further integration and scale-up the identification and implementation of nature-based projects).
* Record and Report: Select three (or more!) top priorities to bring back to the full group. Choose a reporter to report back to the entire group.

Logistics

* Each group will have 6-8 participants with a mix of expertise/background.
* Participants will be sent to a breakout room for the discussion.
* **Introductions**: Groups will do quick introductions and select a recorder and reporter.
* **Initial thoughts:** We suggest that each group then takes 5 minutes for all group members to add their initial thoughts to questions that have been outlined in a google doc created for each group (a link for the breakout group’s google doc will be sent via the chat function).
* **Discussion:** The group will then take 30 minutes for discussion and brainstorming; building off the initial notes in the google doc.
* **Prioritization**: The group will take the final 10 minutes to prioritize action items.

Schedule

1:00 – 1:45 – Breakout Discussion

1:45 – 2:15 – Group Report Back

2:15 – 2:30 – Group Discussion

Discussion 3 – Building Partnerships

Purpose

* Provide opportunity for participants to discuss scaling up the use of natural infrastructure by building partnerships and community capacity.
* Collectively brainstorm resources/research needed to scale up use of existing tools and build partnerships and community capacity at the watershed scale (e.g., data, checklists, etc.)

Plan

* Discussion: Some possible discussion prompts:
  + How do we build partnerships among natural resource experts/methodology creators and hazard mitigation planners/project developers; how do we address language barriers; what kinds of partnership structures might work (e.g., listservs, quarterly meetings, working groups, etc.)? How can we connect nature-based solutions as an eligible mitigation activity type to the thinking of centralized Emergency Management professionals who may not always be thinking about post-disaster risk mitigation?
  + How do we build community capacity? What can natural resource experts bring to hazard mitigation planners to help address flood mitigation and natural resource protection? How can we reach underserved communities and what are successes we can point to, to inspire NBS uptake?
* Brainstorm: As a group discuss ideas for next steps/action items to address the issues/opportunities identified in the discussion (i.e., resources needed or research necessary to further integration and scale-up the identification and implementation of nature-based projects).
* Record and Report: Select three (or more!) top priorities to bring back to the full group. Choose a reporter to report back to the entire group.

Logistics

* Each group will have 6-8 participants with a mix of expertise/background.
* Participants will be sent to a breakout room for the discussion.
* **Introductions**: Groups will do quick introductions and select a recorder and reporter.
* **Initial thoughts:** We suggest that each group then takes 5 minutes for all group members to add their initial thoughts to questions that have been outlined in a google doc created for each group (a link for the breakout group’s google doc will be sent via the chat function).
* **Discussion:** The group will then take 30 minutes for discussion and brainstorming; building off the initial notes in the google doc.
* **Prioritization**: The group will take the final 10 minutes to prioritize action items.

Schedule

3:30 – 4:15 – Breakout Discussion

4:15 – 4:45 – Group Report back

4:45 – 5:00 - Discussion