

Community Response to Flooding – Plan of Work

In order to accomplish the Visioning Framework developed by the MIT, Woods Hole, Florida, Lake Champlain, and Minnesota Sea Grant program co-leads, Minnesota Sea Grant will work with the other topic co-leads to ensure that all components of the visioning process are completed. John Bilotta and Jesse Schomberg will both participate in co-leading this effort for MN.

Minnesota Sea Grant will participate in all 5 of the listed frameworks under this visioning effort. Specifically, MNSG will:

1. Help organize a series of webinars, shared google folders, surveys, or other reconnaissance-summary methods to be determined by co-lead programs to build the capacity of the participating programs on the inter-related topics around community flooding and stormwater. I.e. build a catalog of topics that both lead and participating Sea Grant programs feel may fit into the topic area of Community Response to Flooding. This activity will occur from September to October.
2. Help coordinate a series of co-lead conference calls and online collaboration to identify and prioritize thematic areas to be explored in the visioning document. This activity will occur from October to November.
3. Co-lead a series of webinars and/or assist with developing web outreach efforts, or other sharing platforms based on thematic areas emerging from Framework 2. For each effort, SG programs that have done programming or work in the topic area could work with one of the lead programs on developing the content (case studies, example materials, lessons learned, etc.) to be shared about the thematic area. This activity will occur from November 2017 to February 2018.
4. Provide leadership and financial support to organize and co-host a 3-day in-person meeting to inform the visioning document.
5. Work with other co-leads to draft and finalize a SG vision document *that might include chapters on more discrete topics and may include actionable items for programs in the future*. This activity will include a series of conference calls among co-leads, who will have primary responsibility for drafting. Successive drafts will be provided to all participating SG programs for their input on drafts. Due to time constraints, expected turnaround times for comments on drafts by all participating programs will be short.

Community Response to Flooding – Final Visioning Framework

Focus Areas: Healthy Coastal Ecosystems, Resilient Communities and Economies, Environmental Literacy and Workforce Development

High Level Focus: Develop strategies for Sea Grant to understanding the challenges and develop solutions for flooding and stormwater management in communities using a continuum of natural to built infrastructure, supported by risk-informed laws, policies, and finance. Further enhance Sea Grant's ability to offer assistance with pre-existing programs, including the Community Rating System. This topic addresses vulnerabilities to both acute and chronic threats (e.g. storms, erosions, water level changes). This topic merges frameworks submitted on green infrastructure and stormwater management; coastal infrastructure resilience; and legal, policy, and financial issues related to sea level rise and flooding.

Topic Co-Leads: MIT (Michael Triantafyllou, Robert Vincent, and Julie Simpson), Florida (Thomas Ruppert), Lake Champlain (Becky Tharp), WHOI (Greg Berman and Shannon Jarbeau), Minnesota (John Bilotta and Jesse Schomberg)

Framework

Background Information:

- National Strategic Efforts: Resilient Communities and Economies, Healthy Coastal Ecosystems, Environmental Literacy and Workforce Development
- Coastal flooding has cross cutting impacts across the Sea Grant Network and this effort will work towards identifying key ways that we can best leverage network knowledge in several areas including:
 - Solutions for flooding and stormwater management (both green and built infrastructure)
 - Improving communications and outreach with local governments and communities on legal, policy, and finance issues relating to coastal/stormwater flooding
 - Working towards developing a path for more resilient coastal communities through topics including (but not limited) to the following:
 - Expansion of knowledge about changing conditions and risks of extreme weather events
 - Diversification and growth of coastal economies
 - Taking advantages of tools such as the National Flood Insurance Program's Community Rating System
 - Develop strategies for post-storm response using valuable lessons learned from across the network
- This topic will work to incorporate research, extension and education into discussions to bring in new ideas and perspectives on flooding and stormwater response.
- The management team will work together and with the NSGO to develop a high-level path towards a comprehensive Sea Grant response to both acute and long term coastal flooding threats as well as develop strategies for community engagement and resilience planning.

General Resources:

Framework 1 - Series of webinars, shared-Google folders, survey, or other reconnaissance-summary methods to be determined by co-lead programs to build the capacity of the participating programs on the inter-related topics around community flooding and stormwater. I.e. build a catalog of topics that

both lead and participating Sea Grant programs feel may fit into the topic area of Community Response to Flooding. This activity will occur from September to October.

Framework 2 - Series of co-lead conference calls and online collaboration to identify and prioritize thematic areas to be explored in the visioning document. This activity will occur from October to November.

Framework 3 - Series of webinars, web outreach or other sharing platforms based on thematic areas emerging from Framework 2. For each effort, SG programs that have done programming or work in the topic area could work with one of the lead programs on developing the content (case studies, example materials, lessons learned, etc.) to be shared about the thematic area. This activity will occur from November 2017 to February 2018.

Framework 4 - Once Framework 3 has set the stage with the thematic areas and given all participants a common knowledge base of programming information for the thematic areas, we will then hold a 3-day in-person meeting to inform the visioning document.

Potential location: Florida (most likely Miami or Tampa Bay area)

Target dates/month: Late February

Budget: Co-lead programs will contribute \$2000 to hosting the workshop.

Participating program budget responsibilities: travel costs, including flight, per diem, hotel (estimate \$210 per night for hotels in this area)

Framework 5 - Drafting and finalizing of SG vision document *that might include chapters on more discrete topics and may include actionable items for programs in the future.* This activity will include a series of conference calls among co-leads, who will have primary responsibility for drafting. Successive drafts will be provided to all participating SG programs for their input on drafts. Due to time constraints, expected turnaround times for comments on drafts by all participating programs will be short.

Budget

1. Each co-lead program (MN, LC, MIT, FL, and WHOI) will contribute \$2000 for the visioning effort from their program's national visioning project funds. This \$10K will be used to fund efforts predominantly related to framework component #4 and may include expenses for venue, refreshments, IT and technology (webinar etc), facilitator(s), and invited guest participants.
2. Programs participation in the visioning effort will be required to provide funds to cover travel expenses (*air, mileage, hotel, and per diems estimated at \$1500-2000/pp*) for any participant from their program for an approximate 3 day workshop in Florida to be held in late February (*subject to change*).

Interested Programs and POCs (*subject to change and additions as programs see appropriate*)

- Alaska (Davin Holen)
- California (Lisa Schiavinato)
- Georgia (Jill Gambill)
- Guam (Austin Shelton)
- Hawaii (Matt Gonser and Brad Romine)
- Illinois-Indiana (Kara Salazar and Eliana Brown)
- Law Center (Terra Bowling)
- Maryland (Jen Dindinger and/or new climate person)
- Michigan (Mary Bohling)
- Mississippi-Alabama (Renee Collini and Kristina Alexander)
- New Jersey (Amy Williams)
- New York (Kathleen Fallon, Roy Widrig and GL Coastal Processes Specialist)
- Ohio (Scott Hardy)

- Rhode Island (Dennis Nixon, Jennifer McCann and Julia Wyman)
- South Carolina (Rick DeVoe)
- Washington (Nicole Faghin)
- Wisconsin (David Hart, Gene Clark, Julia Noordyk)
- NSGO: Kelly Samek, Eva Lipiec

Timeline

	Fall 2017	Winter 2018	Spring 2018	Summer 2018
Assessment	X	X		
Meeting		X		
Initial draft visioning document		X	X	
Comments and revisions			X	X
Final draft visioning document				X