



Enhancing Coastal Resilience on Virginia's Eastern Shore Community Leader Workshop Agenda

A project funded by the Department of Interior Hurricane Sandy Coastal Resilience Fund

November 12 and 13, 2014

Workshop Goals

- Bring together community leaders, decision-makers and project team members to identify the issues of greatest concern on the Eastern Shore regarding the reduction of coastal hazard risks and the enhancement of socio-economic and environmental resilience, and to discuss how the project can be most relevant, applicable and beneficial for local decision making.
- Provide an overview of the sea-level rise, storm surge, marsh migration, and barrier island-inlet evolution models that will be used in carrying out the project, including model capabilities, potential outputs and a discussion of how these models can be applied to assist in identifying solutions for reducing risk and enhancing resilience on the Eastern Shore.
- Engage community leaders, decision-makers and project team members in the process of identifying future conditions and management actions that are most likely and of greatest concern, and therefore most useful and relevant to address as part of the project in support of Eastern Shore adaptation planning and hazard mitigation actions.

Day One – Wednesday, November 12

8:30 am	➤ Registration (Breakfast Items and Refreshments)
9:00 am	➤ Welcome - <i>Amber Parker, Chincoteague Bay Field Station</i>
9:05 am	➤ Introductions, Overview of Meeting Purpose and Agenda - <i>Curt Smith, ANPDC</i>
9:15 am	➤ Overview of U.S. Department of Interior Hurricane Sandy Coastal Resilience Fund Project for Eastern Shore - <i>Jill Bieri, TNC</i>
9:30 am	➤ Coastal Resilience Science Primer - <i>Jill Bieri, TNC</i>
10:00 am	➤ Coastal Resilience: Interactive Survey and Exercise - <i>Gwynn Crichton, TNC</i>
10:45 am	➤ Local and State Climate Adaptation Activities and Potential Local Applications of Coastal Resilience Tool - <i>Curt Smith, ANPDC</i>
11:15 am	➤ Overview of Coastal Resilience Approach and Tool - <i>Zach Ferdana, TNC</i>
12:00 pm	➤ LUNCH (Provided in Chincoteague Bay Field Station Cafeteria)

Sea-Level Rise and Marsh Migration Modeling Overview & Discussion

1:00 pm	➤ Briefing on Accelerated Sea-Level Rise and Mainland Tidal Salt Marsh Response - <i>Matt Kirwan, VIMS</i>
1:15 pm	➤ NOAA Inundation Model: Overview, Applications, and Limitations - <i>Chris Bruce, TNC</i>
1:25 pm	➤ Sea-Level Affecting Marshes Model (SLAMM) Overview - <i>Marco Propato, Warren-Pinnacle</i>
1:45 pm	➤ Breakout Group Instructions and Presentation of Questions for Discussion - <i>Gwynn Crichton, TNC</i>
1:55 pm	➤ Breakout Group Discussions for Sea-Level Rise and Marsh Migration Modeling
2:40 pm	➤ Sea-Level Rise and Marsh Migration Breakout Group Reports - <i>Curt Smith, ANPDC</i>

Community Leader Field Trip and Reception

3:00 pm	➤ Field trip to the Town of Chincoteague & Chincoteague National Wildlife Refuge to observe local shoreline conditions & oyster reef restoration sites - <i>Bill Neville, Town of Chincoteague; Bo Lusk, TNC; Patricia Wiberg, UVA and Kevin Holcomb, USFWS</i>
6:30 pm	➤ Reception for Community Leaders at Chincoteague Bay Field Station (<i>Courtesy of the Nature Conservancy</i>)

Day Two – Thursday, November 13

8:30 am	➤ Registration (Breakfast Items and Refreshments)
9:00 am	➤ Recap of Day One and Overview of Agenda and Goals for Day Two - <i>Curt Smith, ANPDC</i>

Storm Surge Modeling Overview and Discussion

9:15 am	➤ Overview of Storm Surge Dynamics and Modeling - <i>John Atkinson, ARCADIS US</i>
9:45 am	➤ Breakout Group Instructions and Presentation of Questions for Discussion - <i>Curt Smith, ANPDC</i>
10:00 am	➤ Breakout Group Discussions for Storm Surge Modeling
10:30 am	➤ Storm Surge Breakout Group Reports - <i>Gwynn Crichton, TNC</i>

Barrier Island-Inlet Evolution Modeling Overview and Discussion

11:00 am	➤ Overview of Geologic Background and Local History of Change - <i>Mike Fenster, Randolph Macon-College</i>
11:15 am	➤ Overview of Coastline- Change Processes - <i>Laura Moore, UNC-Chapel Hill</i>
11:30 am	➤ Briefing on Barrier Island-Inlet Evolution Modeling System - <i>Dylan McNamara, UNC-Wilmington</i>
12:00 pm	➤ Barrier Island-Inlet Evolution Model Q&A
12:30 pm	➤ LUNCH (Provided in Chincoteague Bay Field Station Cafeteria)
1:15 pm	➤ Breakout Group Instructions and Presentation of Questions for Discussion - <i>Curt Smith, ANPDC</i>
1:30 pm	➤ Breakout Group Discussions for Barrier Island-Inlet Management Scenarios
2:15 pm	➤ Barrier Island-Inlet Breakout Group Reports - <i>Gwynn Crichton, TNC</i>

Enhancing Coastal Resilience Workshop Conclusion

2:45 pm	➤ Next Steps in NFWF Project, Opportunities for Engagement, and Project Communications - <i>Gwynn Crichton, TNC</i>
3:00 pm	➤ Coastal Resilience: What do you think NOW? Survey and Exercise - <i>Gwynn Crichton, TNC</i>
3:15 pm	➤ Adjourn