

ADAPTATION PLANNING FOR COASTAL COMMUNITIES

Hosted by Rookery Bay Research Reserve at the Naples Botanical Garden's Auditorium (4820 Bayshore Dr, Naples, FL 34112)

February 27-28, 2018

Participants will:

- Apply the basic elements of an adaptation planning framework to organize future efforts
- Translate climate science into impacts on local community assets
- Practice a qualitative approach to scope and compile a vulnerability assessment, and describe how the results could be applied
- Identify, compare, and prioritize locally relevant adaptation strategies and actions
- Describe implementation options for strategies
- Recognize the importance of stakeholder involvement in adaptation planning and demonstrate the applicability of engagement processes and tools

DAY 1 – February 27

9:00 **Introductions and Overview of Training**

Participants know who else is in the room and receive information on training organization.

9:30 **Discussion: Incorporating Adaptation Locally**

Working in small groups, participants start to learn what each other does or is involved in, what local circumstances might be present, and how adaptation is or could be incorporated into existing efforts.

9:45 **Introduction to the Planning Framework**

Participants are introduced to the adaptation planning framework that provides the foundation for the training.

10:15 **Break**

10:30 **Activity: *Identifying Community Assets***

Participants brainstorm valuable assets within their community.

11:10 **Discussion: What Changes Have You Seen?**

Participants will consider the list of assets compiled in the previous activity and share any impacts or changes in the physical environment they have begun to observe.

11:20 **Local Context for Climate Change: Presentation on climate trends, observations and projections**

A Guest Speaker reviews the observed climate trends and projections for the future, the extent and severity of the projected changes, and how those changes might affect selected sectors.

12:00 **Lunch**

12:45 **Activity: *Stakeholder Engagement***

Participants generate a list of relevant stakeholders for an adaptation planning effort through a brainstorming activity.

- 1:05 Activity: *Characterizing an Asset***
Participants will identify an asset of interest and describe that asset in terms of location, existing non-climate stressors, and relevant climate stressors.
- 1:25 Uncertainty in Science and Planning**
Participants hear about the role uncertainty can play in adaptation planning, and learn how scenario planning can be a useful tool in moving beyond the challenges of making decisions in light of unknowns.
- 1:50 Activity: *Writing a Climate Issue Statement***
Participants describe the potential consequences of climate change.
- 2:15 Break**
- 2:30 Introduction to Vulnerability Assessments**
Participants learn the basic components of vulnerability, the range of assessment types, and how assessments support the planning process.
- 2:45 Case Study: Vulnerability Assessments**
A Guest Speaker shares their experiences with a local vulnerability assessment
- 3:30 Designing an Assessment – Scoping and Collecting**
Participants will learn a process for developing and conducting a vulnerability assessment.
- 3:50 Activity: *Scoping a Vulnerability Assessment***
Participants scope a plan for conducting an assessment for a specific asset.
- 4:30 Activity: *My Follow-up Actions***
Participants capture ideas for how they will apply what they are learning.
- 4:45 Wrap-up for the day**

DAY 2 – February 28

- 9:00 Recap of Day 1, Review Agenda Day 2**
- 9:15 Assessing Vulnerability**
Participants learn about different sources of vulnerability for assets across sectors.
- 9:30 Activity: *Conducting a Qualitative Assessment***
Participants gain experience working through a vulnerability assessment in a collaborative setting.
- 10:30 Applying Assessment Findings**
Participants learn about the importance and challenges in communicating assessment results, and how to use the information gathered in an assessment to begin considering adaptation actions.
- 10:45 Break**
- 11:00 Adaptation Strategies and Actions by Sector**
Participants gain knowledge of a variety of adaptation strategies used by coastal communities.
- 11:30 Case Study: Adaptation Strategies**
A Guest Speaker will share insights on their experience in developing and implementing adaptation strategies and actions.

12:15 Lunch

1:00 Activity: *Identifying and Characterizing Options*

Participants identify different adaptation strategies and describe various factors that contribute to their feasibility.

2:00 Tools and Techniques for Prioritization

Participants hear examples of methods used for analyzing and prioritizing adaptation actions.

2:15 Activity: *Prioritizing Actions*

Participants assess and prioritize their list of actions developed in an earlier activity using selected criteria.

2:35 Break

2:50 Implementation – Executing your plan

Participants have background information on implementation and are prepared to develop an implementation plan for their prioritized strategy.

3:00 Activity: *Drafting an Implementation Plan*

Participants develop an implementation plan for an adaptation strategy.

4:00 Moving Forward with Adaptation

Participants work on their “My Follow-up Actions” and share commitments for applying what they’ve learned with the training group.

4:30 Training Evaluations

4:45 Adjourn