

RESILIENT

Coastal Wetlands Coastal Communities



Multi-Regional Workshop

*The views expressed in this presentation are those of the authors and do not represent official policy of the US EPA.



Welcome and opening remarks



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Workshop goal and structure

GOAL: Leverage knowledge and lessons learned from across regions and organizations to help standardize, improve, and advance methods to support resilient coastal wetlands and communities

STRUCTURE

Presentations, panels, and interactive discussions using mentimeter and chat

- Day 1: EPA Mid-Atlantic and Northeast research, cross-regional interactive discussion
- Day 2: Mid-Atlantic and Northeast Partner Panels, culminating in cross-regional, cross-organizational explorations of lessons learned



HOW WILL YOUR FEEDBACK BE USED?

We will produce a Workshop Proceedings with summaries, lessons learned, and discussion of synthetic conclusions








Workshop facilitators

- Joe Siegel, EPA Region 2 – discussion facilitation
- Joan Johnson, EPA Region 3 – chat facilitation
- Adrianna Berk, Tetra Tech – mentimeter and technical support
- Anna Hamilton, Tetra Tech – notes and chat support
- Jen Stamp, Tetra Tech – notes and chat support

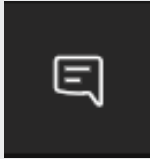


General housekeeping

Meeting Audio and Video

- ✓ For best results, use **Computer Audio**
- ✓ Everyone will be muted during the presentations. Speakers can unmute/mute by clicking the microphone   
- ✓ If you have trouble with computer audio
 - Check your device settings in Teams 
 - Check that computer volume is turned up and not muted 
 - Access alternative audio by calling
1-757-578-1812 conference ID:73406554#

Tech/AV Support Help

- ✓ Type tech questions in the chat window; your question will be answered there 
- ✓ Exiting and reentering the Teams workshop will fix most issues
- ✓ If you are still experiencing AV issues, send an email to ResilienceWkshp@tetrattech.com
- ✓ If you miss any portion of the workshop, all sessions will be recorded



Using chat and mentimeter to gather your feedback

In the chat, please designate your entries with the following codes:

- T: (technical assistance)
- Q: (question)
- C: (comment or feedback contribution)
- Within the above, it also would be helpful to preface with
 - + Q: “For Jane Doe” (who the question is for)
 - + C: “On the topic of” (if commenting on something from a while back in the chat)

At www.menti.com, enter the code # and answer each poll/question as it comes up in the presentation. Please use one of the following methods to access menti.com and submit feedback throughout the next two days:

- Second computer screen
- Toggle between two windows or tabs on your desktop or laptop
- Hand-held device such as a cell phone or tablet



Workshop website

- <https://resilience-workshop.tetrattech.com/agenda>
- Recordings and PPTs will be posted in about 2 weeks
- Speaker bios and other workshop resources are posted
- Check the website for other updates

The screenshot shows the top section of the workshop website. It features a dark blue header with the word "RESILIENT" in large, bold, yellow-green letters. To the right of "RESILIENT", the text "Coastal Wetlands" and "Coastal Communities" is displayed in white. Below the header is a row of four images: the EPA logo on a black background, a bird in a nest, two people kneeling outdoors, and a wetland landscape. Below the images is a dark blue banner with the text "Multi-Regional Workshop" in white. Underneath the banner, the word "Home" is visible. The main content area has a white background and contains the following text:

May 24-25, 2022 @ 11am-4pm daily
Online via Teams

This workshop website includes the agenda, speaker bios, and other workshop resources. Please check back for updates! If you have any questions, please send an email to ResilienceWkshp@tetrattech.com.

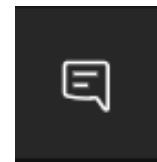
The goal of this workshop is to leverage knowledge and lessons learned from across regions and organizations to help standardize, improve, and advance methods to support resilient coastal wetlands and communities.

Our objectives are to share scientific perspectives and feedback on:

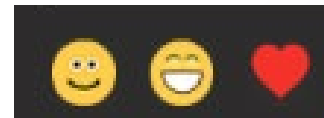
- Coastal wetlands vulnerability and resilience

- ✓ This is a professional meeting. Please be mindful of what you write in the chat box. All the sessions will be recorded and posted for viewing.
- ✓ Speakers: please minimize distractions such as ceiling fans and other noises.
- ✓ The workshop organizers can mute and remove sources of disruptions.

✓ Use the chat window to see reaction options.



✓ Use reactions to show support for the presenters.



- *What is wetland resilience?*
 - ✓ How to define/characterize/measure
 - ✓ Relationship to vulnerability, threats, impacts
 - ✓ How to assess vulnerability and socioecological impacts
- *How do we manage for resilience under changing environmental conditions?*
 - ✓ Selecting priority sites
 - ✓ Evaluation, prioritization and design of interventions
 - ✓ Socio-ecological trade offs in decision making
- *How can resilient wetlands boost the health and resilience of coastal communities?*
 - ✓ Coastal protection
 - ✓ Human health
 - ✓ Other valued ecosystem services (e.g., fish and wildlife habitat)



- A. **Capacity building** for improved management of wetland and coastal community resilience
- B. **Working with stakeholders:** human-centered design
- C. **Translating scientific information** for decision making at all levels
- D. **Barriers and opportunities** for successful implementation of management actions
- E. **Dealing with uncertainty** associated with data and information limitations





Today

Exploring EPA's collaborative work in the Mid-Atlantic on:

- Wetland vulnerability assessment and links to management
- Considering coordinated use of multiple wetland assessment tools

Exploring EPA's collaborative work in the Northeast on:

- Social-ecological perspectives for resilient coastal wetlands
- Valuation of resilient coastal wetlands



EPA mid-Atlantic work

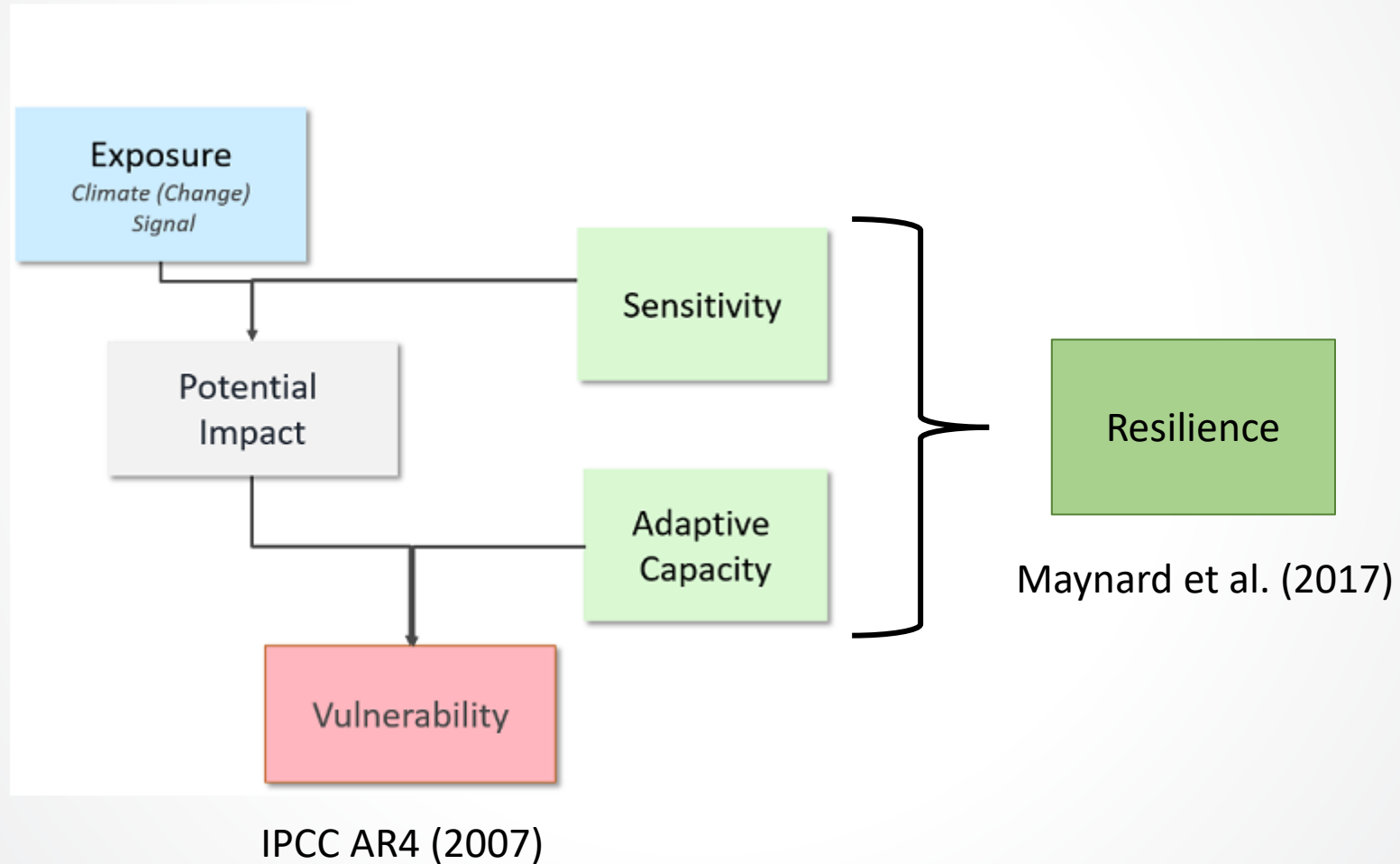
Exploring EPA's collaborative work with the Partnership for the Delaware Estuary on:

- Wetland vulnerability assessment and links to management
- Considering coordinated use of multiple wetland assessment tools

But first:

What does resilience mean to you?

Vulnerability and resilience





EPA mid-Atlantic work

Exploring EPA's collaborative work with the Partnership for the Delaware Estuary

Four short talks, in pairs, on:

- Wetland vulnerability assessment and links to management
- Considering coordinated use of multiple wetland assessment tools

After each pair of talks, there will be 5-10 min for Q & A; please enter your questions in the Chat.