COLLABORATIVE SCIENCE FOR ESTUARIES

WEBINAR SERIES

Kristen Goodrich
Tijuana River NERR

Shannan Lewinski
NOAA Office for Coastal Management

Julia Wondolleck
NERRS Science Collaborative

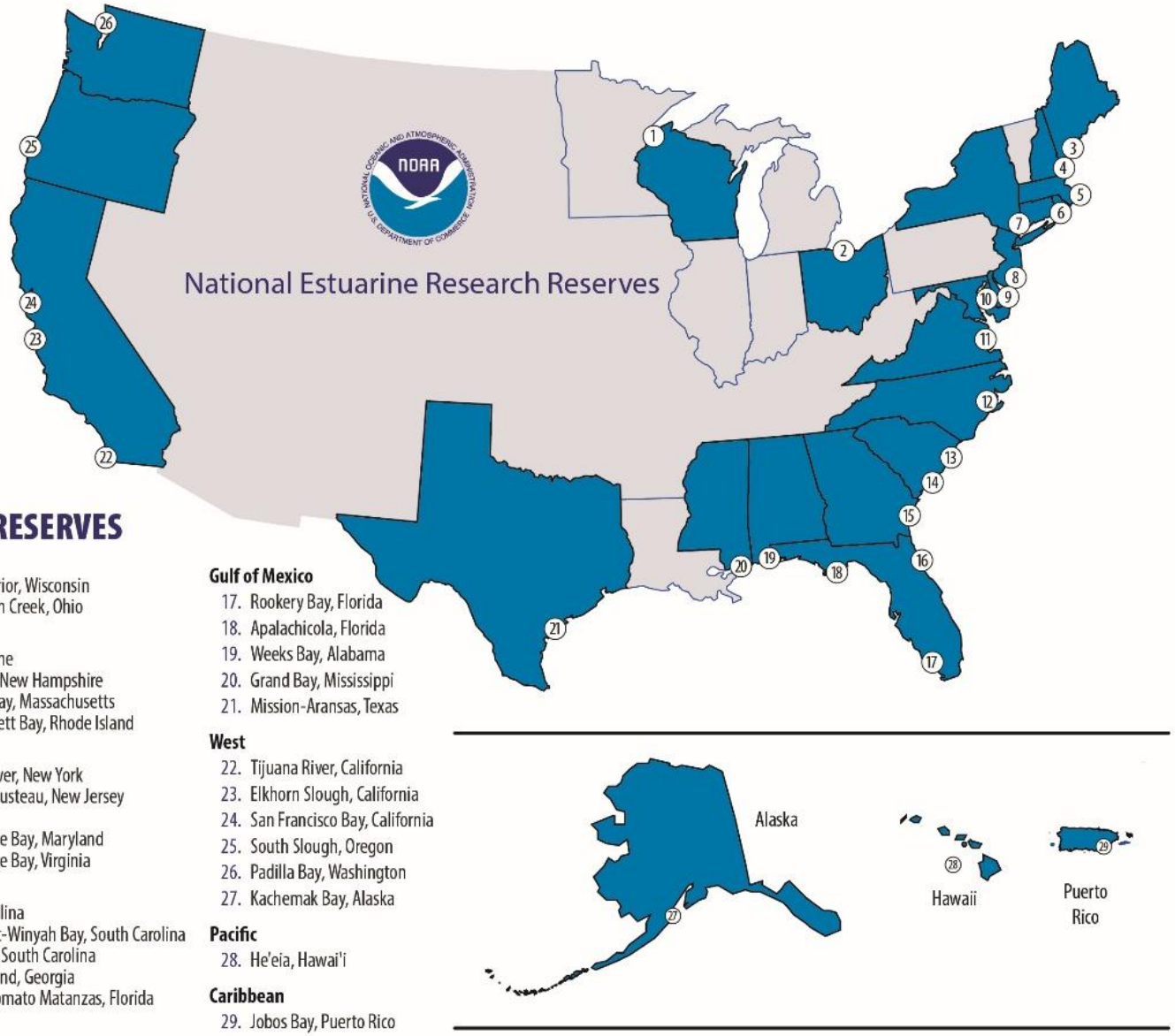
James Arnott
Aspen Global Change Institute (moderator)

Collaborative Science in a Virtual World: Recognizing Limits and Leveraging Opportunities

National Estuarine Research Reserve System Science Collaborative

Date: Thursday, May 28, 2020
Time: 3-4 PM ET

National Estuarine Research Reserve System



LIST OF RESERVES

Great Lakes
1. Lake Superior, Wisconsin
2. Old Woman Creek, Ohio

Northeast
3. Wells, Maine
4. Great Bay, New Hampshire
5. Waquoit Bay, Massachusetts
6. Narragansett Bay, Rhode Island

Mid-Atlantic
7. Hudson River, New York
8. Jacques Cousteau, New Jersey
9. Delaware
10. Chesapeake Bay, Maryland
11. Chesapeake Bay, Virginia

Southeast
12. North Carolina
13. North Inlet-Winyah Bay, South Carolina
14. ACE Basin, South Carolina
15. Sapelo Island, Georgia
16. Guana Tolomato Matanzas, Florida

Gulf of Mexico
17. Rookery Bay, Florida
18. Apalachicola, Florida
19. Weeks Bay, Alabama
20. Grand Bay, Mississippi
21. Mission-Aransas, Texas

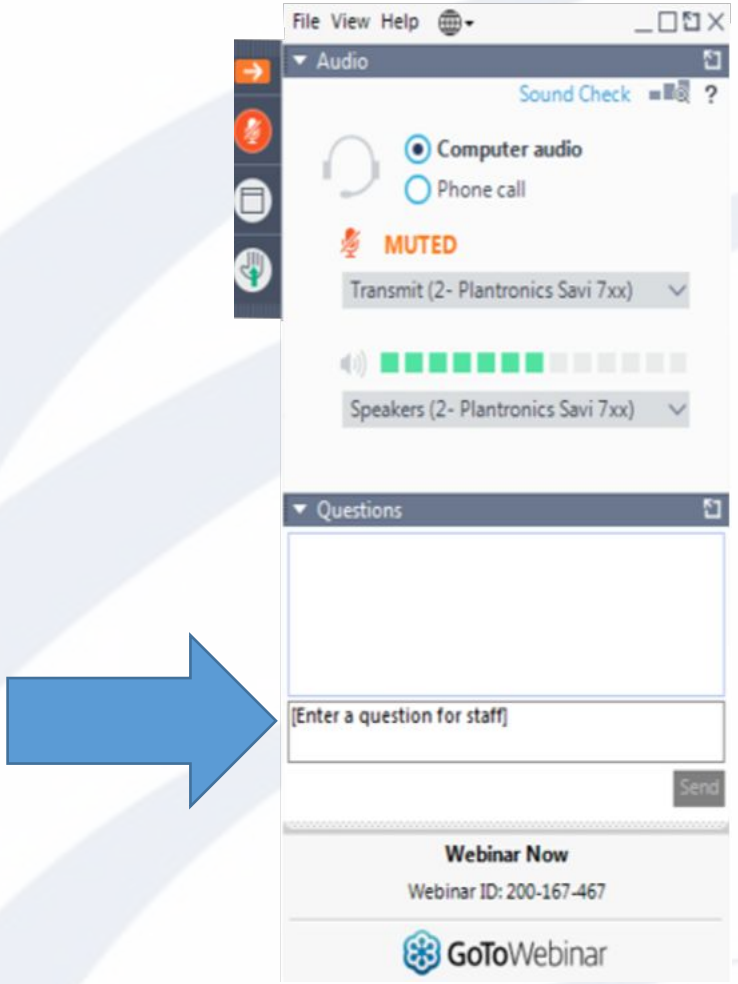
West
22. Tijuana River, California
23. Elkhorn Slough, California
24. San Francisco Bay, California
25. South Slough, Oregon
26. Padilla Bay, Washington
27. Kachemak Bay, Alaska

Pacific
28. He'eia, Hawai'i

Caribbean
29. Jobos Bay, Puerto Rico

Have a question?

Use the “Questions” function to pose questions throughout the webinar.



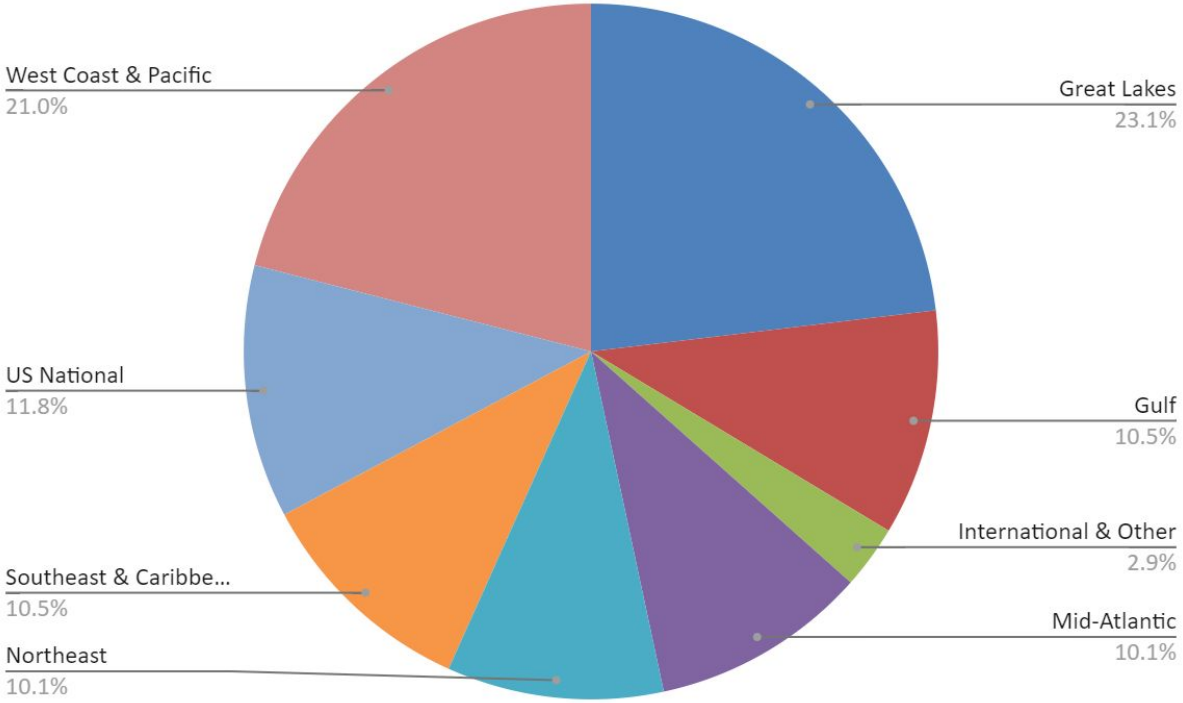
Objectives:

To initiate an ongoing dialogue about virtual engagement for collaborative science

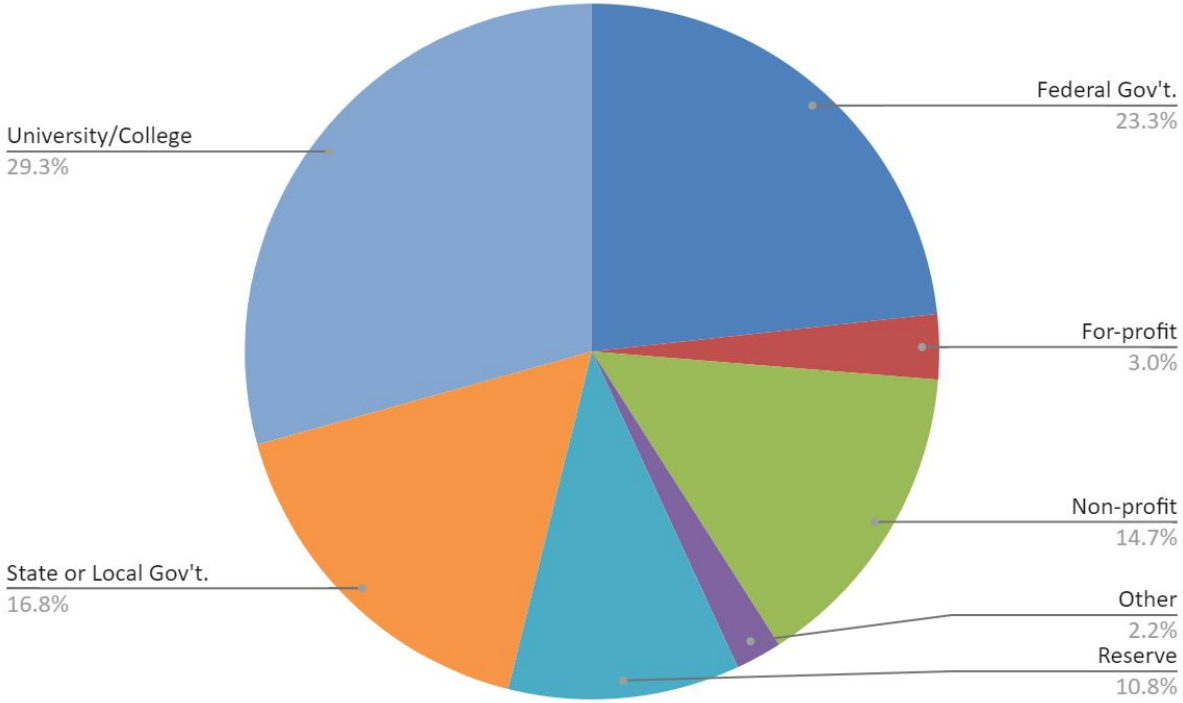
Webinar Agenda:

- Introductions
- Panelist Opening Remarks
- Q & A
- Closing Remarks
- Adjourn (4:00 PM ET)

Who registered for today's webinar



By region



By organization type

Poll Question:

What role(s) do you typically play in collaborative science projects? (check all that apply)

- Project lead or co-investigator
- Lead for collaborative process
- Communication or education expert
- Representative of the policy or management community
- N/A or other role

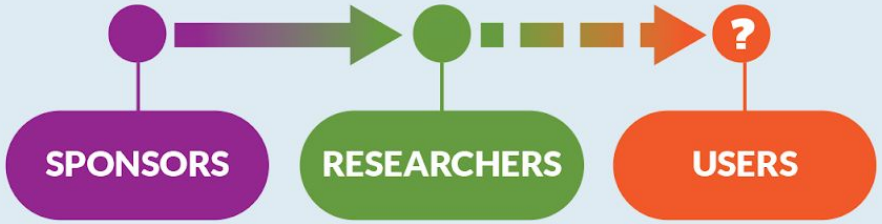
What are we learning and what do we need?

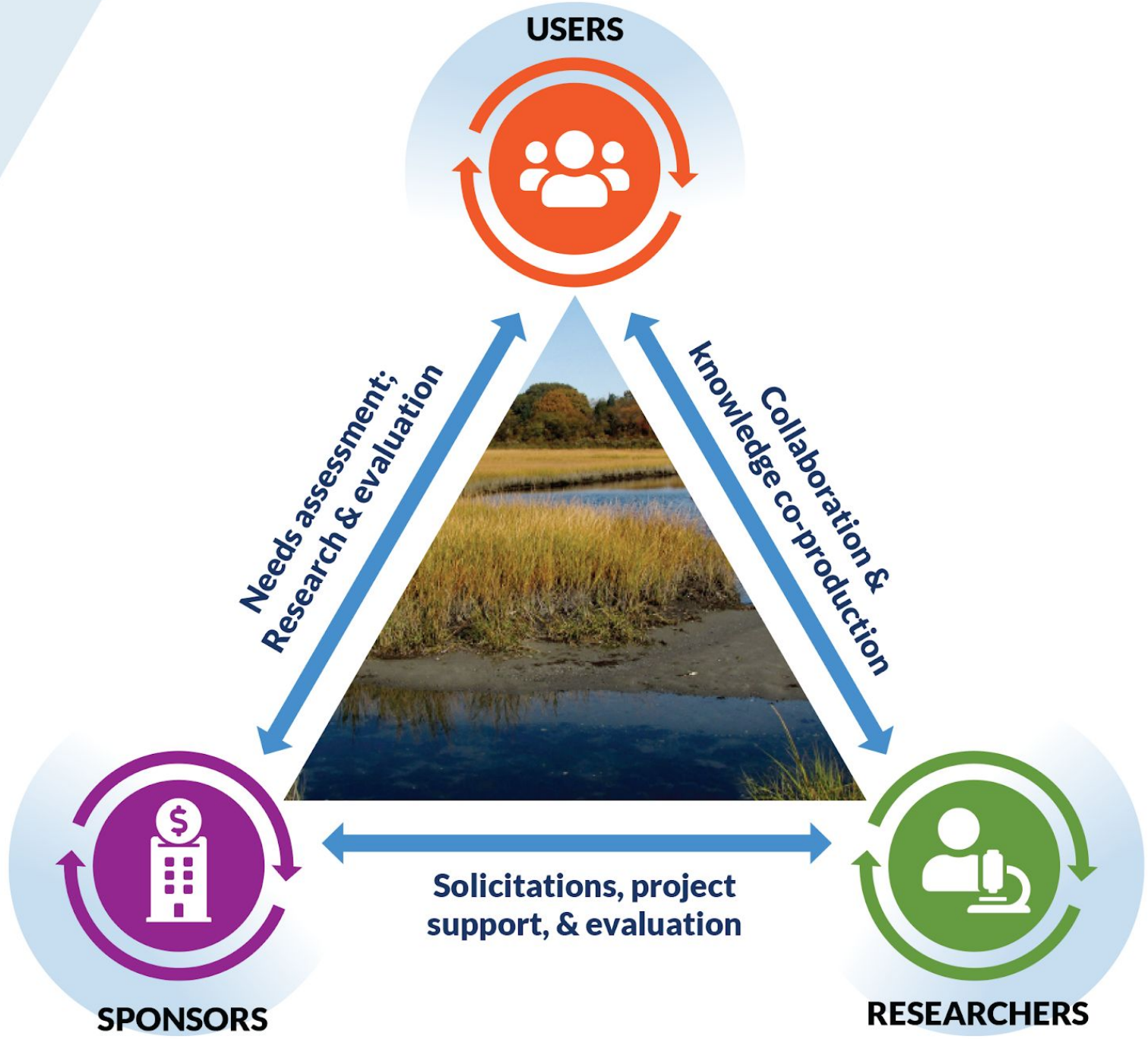
James Arnott

Aspen Global Change Institute

&

NERRS Science Collaborative


SPONSORS
RESEARCHERS
USERS
?


USERS
Needs assessment; Research & evaluation
Collaboration & knowledge co-production
Solicitations, project support, & evaluation
SPONSORS
RESEARCHERS

Video call

Phone Call

Text

Virtual Workshop

Email

Instant Message

Webinar

Shared Document

USPS

Let’s test some assumptions about what works, when, & why

Face-to-face meeting

In-person conference

Retreat

Field trip

Coffee/Happy Hour

Roundtable

Essential ingredients for successful collaborations

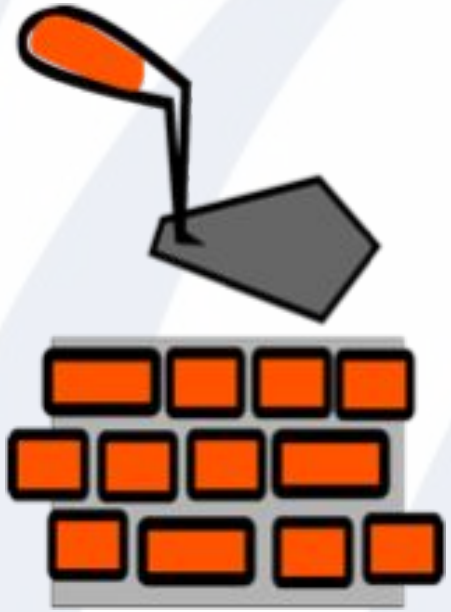
Julia Wondolleck

UM School for Environment and Sustainability

&

NERRS Science Collaborative

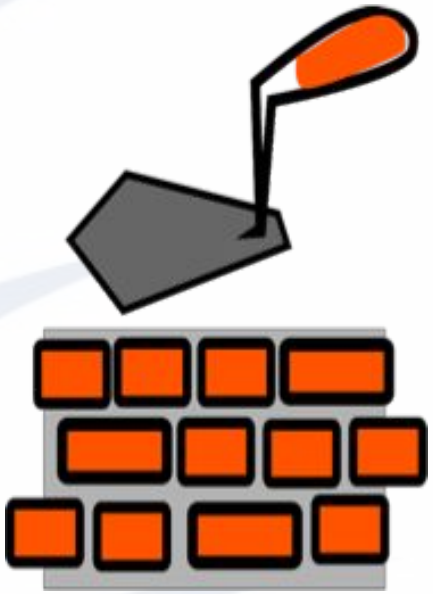
What Makes Collaboration Work?



- Effective process
- Relationships
- Ownership
- Value; it's worthwhile
- Shared sense of purpose
- Commitment

What Sustains Collaboration?

- Commitment
- Continuity – of people and purpose
- Compelling focus
- Communication structure in place



Sustaining partnerships and meeting the needs of decision makers virtually

Kristen Goodrich

Tijuana River National Estuarine Research Reserve

Participating in virtual meetings

Facilitating virtual meetings

Hosting/producing virtual events

“Change” by the Andrea Nigels Project

Techniques for Facilitating Virtual Meetings

THE JUSTICE COLLECTIVE

ARE YOU (r)EDI* TO ZOOM?

Equitable practices for your Zoom meetings

*Our approach centers race in equity, diversity, and inclusion. We call it (r)EDI.

CBI
CATALYZING COLLABORATION

IAP2 Spectrum of Public Participation

IAP2 developed The Spectrum of Public Participation to help groups define the public's role in any public engagement process. The Spectrum is quickly becoming an international standard.

INCREASING IMPACT ON THE DECISION

	INFORM	CONSULT	INVOLVE	COLLABORATE	EMPOWER
PUBLIC PARTICIPATION GOAL	To provide the public with balanced and objective information to assist them in understanding the prob… nati… tunit… solut…	To obtain public feedback on analysis, alternatives and/or decisions.	To work directly with the public throughout the process to ensure … con- … aspira- … onsis- … understood and considered.	To partner with the public in each aspect of the decision i… the … c… an… cati… ferre…	To plac… final d… making … s of
PROMISE TO THE PUBLIC	We will keep you informed.	We will keep you informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision.	We will … with yo… ensur… concerns a… aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced the decision.	We will look to you for advice … novation … ing … your advic… rec-ommendations into the decisions to the maximum extent possible.	We will implement what you decide.

GotoWebinar?

Adobe Connect?

Zoom?

Photo by Marc Beckmann/BMW Herbert Quandt Foundation

SALIDA

Border-Town Life Defies the Wall in “Borderlands” (The New Yorker)

zoom

Online Training-How to Plan and Facilitate and E... - Shared screen with speaker view

Download (3 files)

Chat Messages

Cathy Angell 16:16

Welcome! Please list your affiliation and one fun thing you did this week.

A. Kuhn 22:37

Hi, it's Abby from the GTM Research Reserve! One fun thing I did this week was walk around the beautiful campus of our university partner (UNF). It's very quiet on campus but the weather has been great in Florida!

Syverine Bentz 24:57

Hi Everyone! Syverine here from Kachemak Bay NERR in Alaska. This week I planted many flower and vegetable seeds for my greenhouse, which is freshly covered with snow.

Dan Brumbaugh 25:12

Elkhorn Slough Natl. Estuarine Research Reserve. Went on a walk and saw gray and humpback spouting whales offshore

Josh Eaton 25:38

Type here to search

6:07 PM
4/3/2020

Tools and techniques for effective virtual meetings

Shannan Lewinski

NOAA Office for Coastal Management

NOAA OCM Tools & Training

Virtual Meeting Engagement Job Aids

- Planning
- Facilitation
- Engaging Participants

How to Facilitate a Virtual Meeting

- Determine Meeting Basics
- Customize Meeting Objectives
- Strategies for Conducting

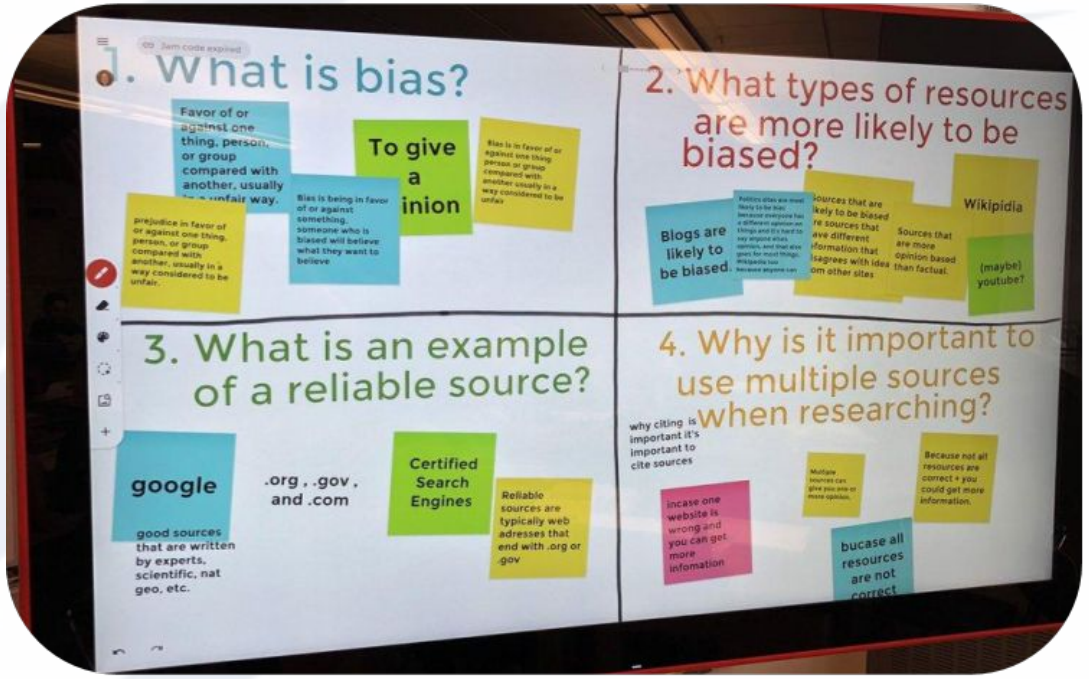
Facilitating Virtual Meeting Technical Assistance Hour

- Available upon request

Virtual Meeting Tools

Virtual Group Collaboration Platforms

- Google Jamboard
- Mural
- Padlet



Why use these?

- Gather feedback ahead of a session to advance the conversation
- Live during session (collaborate real-time)
- Help with Zoom exhaustion

Virtual Meeting Best Practices

Plan Ahead

- Establish objective(s)
- Create Virtual Process Agenda

Session Title

Process Agenda

Day of the week, Month, Day, Year
Session Time

Overall Session Objective:
ECs will leave the session with .....insert your session goals or outcome(s) here

Time	Introduction To Session	Virtual Interactions Needed
X - Xpm	**Facilitator Say.....** **Stealth Facilitator Do.....** • Total Time: X minute	Insert interactive elements need (e.g., poll, special chatbox, content for Shannan to type in chat ect.)
Time	**Session Content Part #1**	**Virtual Interactions Needed**
X - Xpm	**Facilitator Say.....** **Stealth Facilitator Do.....** • Total Time: X minute	
Time	**Session Content Part #2**	**Virtual Interactions Needed**
X - Xpm	**Facilitator Say.....** **Stealth Facilitator Do.....** • Total Time: X minutes	
Time	**WRAP UP**	**Virtual Interactions Needed**

Virtual Meeting Best Practices

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X - Xpm	**Facilitator Say.....** **Stealth Facilitator Do.....** • Total Time: X minutes	
Time	**WRAP UP**	**Virtual Interactions Needed**

Virtual Meeting Best Practices

Plan Ahead

- Identify Facilitator or Moderator and Producer
- Design participant interactions based on objective(s)
  - Polls
  - Chatboxes
  - Breakout Rooms
  - Whiteboard
  - Other collaborative virtual tools (e.g., Jamboard or Padlet)

Session Title

Process Agenda

Day of the week, Month, Day, Year
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Time	**WRAP UP**	**Virtual Interactions Needed**

Virtual Meeting Best Practices

Plan Ahead

Schedule dry run or technology check

- Establish PLAN A and PLAN B for audio and internet issues

Virtual Meeting Best Practices

Plan Ahead

Schedule dry run or technology check

Login 20-30 mins ahead: Facilitator, Presenters and Producer

- Troubleshoot issues before participants join session

Virtual Meeting Best Practices

Plan Ahead

Schedule dry run or technology check

Login 20-30 mins ahead: Facilitator, Presenters and Producer

Welcome and Orient participants to the platform

- Icebreaker or Welcome Activity
- Logistics and Tools (1-3mins)
- Set expectations for engagement (raised hands or chatbox)

Virtual Meeting Best Practices

Plan Ahead

Schedule dry run or technology check

Facilitator, Presenters and Producer login 20-30 mins ahead

Welcome and Orient participants to the platform

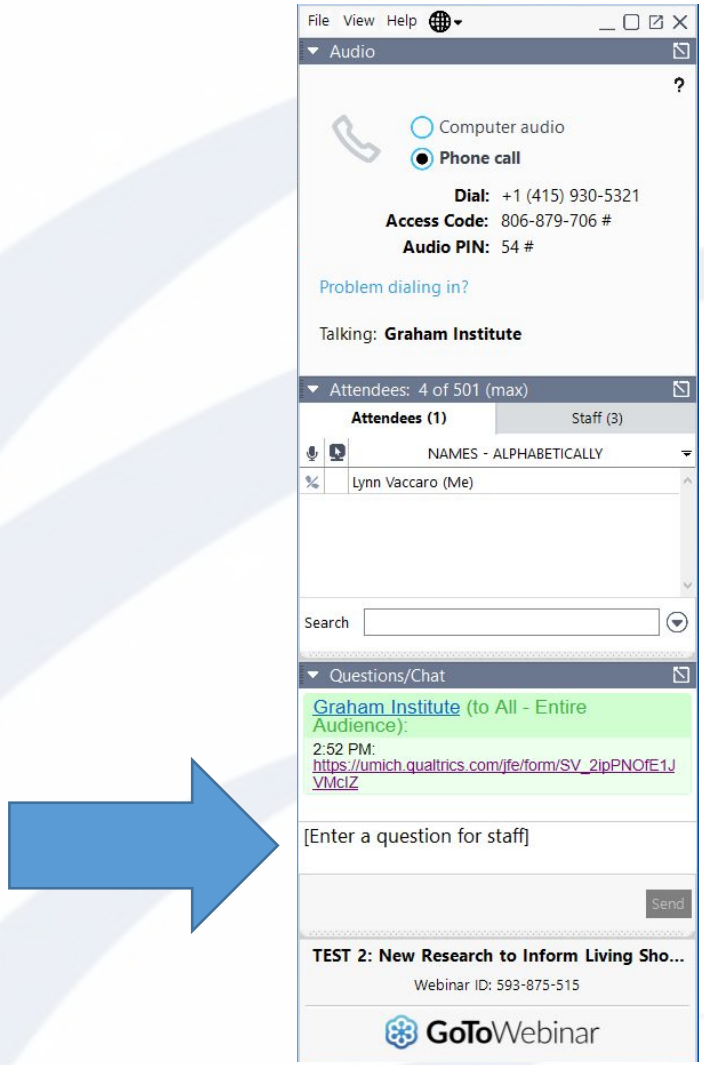
Evaluate each session

- Participants
- Self Evaluation (Lessons Learned)

Questions or comments?

Use the “Questions” function to pose questions throughout the webinar.

Share comments, ideas, suggestions, next steps, and links to resources via the “Gathering Input” google doc we shared earlier.



Q&A

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Aspen Global Change Institute

National Estuarine Research Reserve System Science Collaborative

Webinar Announcements

- **Credit for Going Green: Using an Expert Panel Process to Quantify the Benefits of Buffers**

  Wednesday, June 17, 2020 (3:00 PM – 4:00 PM ET)

Next Steps

- **The Science Collaborative team will produce a summary document in the coming weeks.**
- **We'll be working through your questions and ideas to inform our next steps.**
- **Forgot to share an idea or resource? You can share via the exit survey too!**

Thank you for joining us

Please complete the short survey at the end of the webinar, and be on the lookout for the final draft of the management brief.

Julia Wondolleck
NERRS Science Collaborative

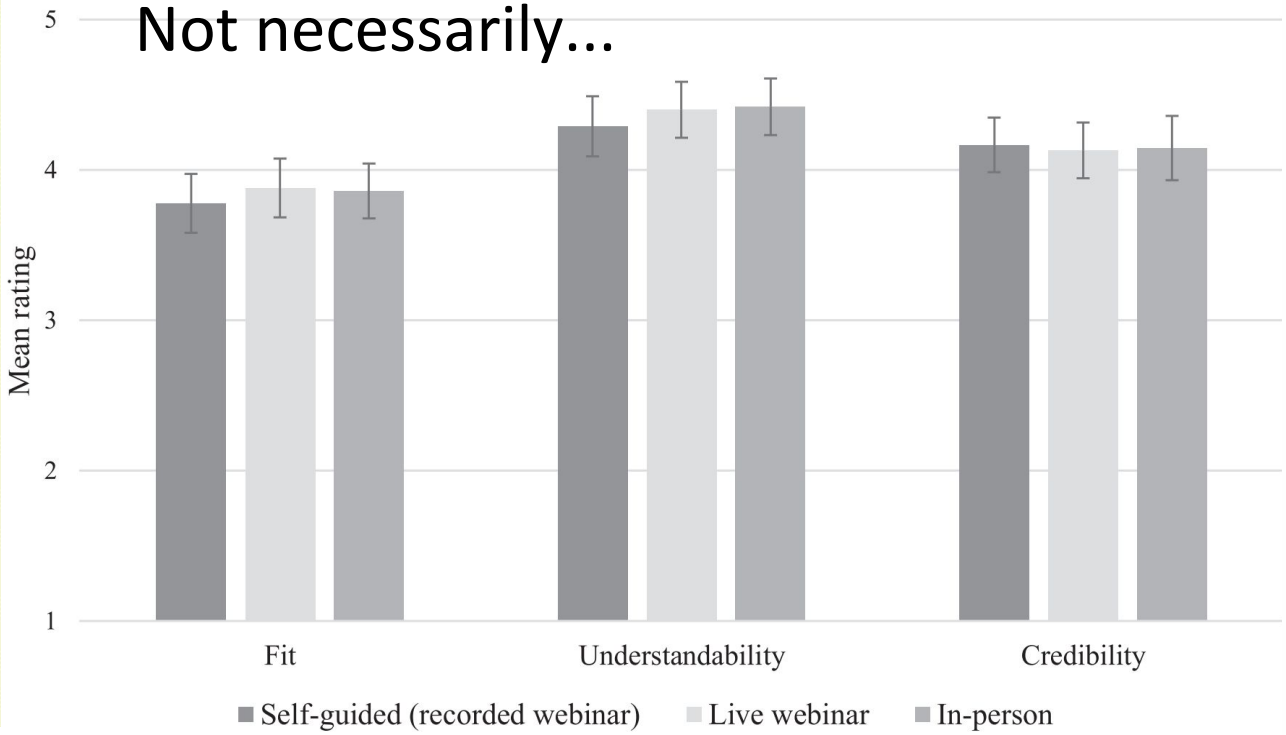
Kristen Goodrich
Tijuana River NERR

Shannan Lewinski
NOAA Office for Coastal Management

James Arnott
Aspen Global Change Institute

Is closer always better?

Not necessarily...



Lemos et al. 2019, *Weather, Climate & Society*