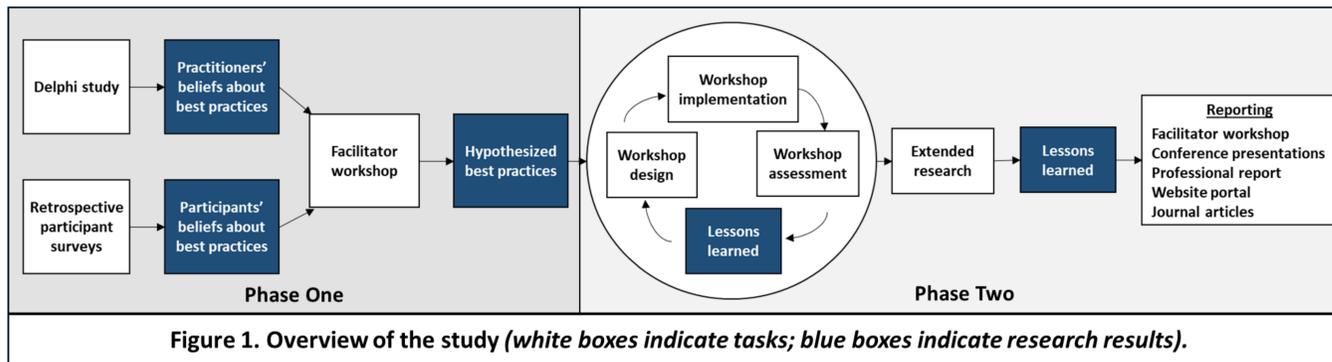


# What factors most powerfully influence collaborative learning and collective action in climate change adaptation workshops?

Lara Hansen, PhD, EcoAdapt; Marc J. Stern, PhD, Jennifer Brousseau, and Caleb O'Brien, Virginia Tech



## Our work



### Collecting Assumptions

#### Delphi Study:

What do experts think drive better outcomes in climate adaptation workshops?

#### Retrospective survey:

What do participants in past workshops think drive better outcomes in climate adaptation workshop?

#### Experimental Workshop Design:

Delphi study, retrospective survey, and literature review inform the design and delivery of workshops based on hypothesized best practices.

### Testing Assumptions

#### Experimental Workshops:

- Eight experimental workshops over three years
- Track delivery, learning, and collective action during and after each workshops.
- Lessons learned at each workshop inform the design of subsequent workshops
- Sequential workshops provide opportunities for purposive experimentation
- Workshop locations vary in political attitudes toward climate change and climate impacts experienced to expand diversity of cases considered

#### Long-term monitoring:

- What can an adaptation workshops accomplish?
- What design elements appear to be associated with the best results?

## Preliminary findings

### Delphi Study

What do experts think drive better outcomes in climate adaptation workshops?

The Delphi study identified the importance of:

- Conducting research on the local context, culture, and relevant ongoing initiatives and adjusting workshops accordingly
- Using local examples of impacts and projections to keep all content relevant to the context
- Ensuring cross-sectoral interaction and dialogue during the workshop
- Developing concrete objectives, plans, and commitments to action
- Inspiring feelings of empowerment, hope, and collective efficacy
- Identifying local champions to who are well-respected and connected to others locally to maintain energy in the network and coordinate work
- Addressing the organizational constraints of participants

### Retrospective Study

What do participants think drive better outcomes in climate adaptation workshops?

- Tailoring the workshop to the current needs and capacities of participants
- Building rapport between local conveners and external facilitators
- Fostering connections between participants across sectors and scales
- Providing sustained but timely support after the workshop
- Planning and preparing for disruptions before, during, and after workshops

### Project Adaptations and Additions

Comparing live vs. online convenings for ongoing communities of practice

*We are examining differences in learning between in-person and online conferences and workshops for existing communities of practice focused on climate adaptation in the US.*

Framing climate change communication

*We are conducting a systematic literature review on the effects of different forms of communicative framing for messaging related to climate change.*

Equity in climate change adaptation processes

*We are conducting a systematic review of climate adaptation plans across the United States to identify how and to what extent issues of equity and inclusion are including in planning processes.*