

## **Workshop Objectives**

1. Build consensus on indicator(s).
2. Get to know people working in the field and share knowledge across disciplines
3. Deepen understanding of socio-environmental context of climate change adaptation & resilience- coastal community case study.
4. Identify future collaborations.
5. Explore ways to better include indicator use in indicator development.

## **Day 1, Wednesday, May 15, 2019**

- 9:00 a.m. **SESNYC Welcome**
- 9:05 a.m. **Introduction to Workshop**  
Keely Maxwell: Benchmarking Each Day / Working Hypothesis  
Jesse M. Keenan: Audience Resolution & Application  
Carrie Hritz: What is SES Synthesis - brief overview
- 9:30 a.m. **Group Introductions**  
Name/Hometown/Discipline/Favorite Indicator
- 10:30 a.m. *Coffee*
- 10:45 a.m. **Fishbowl Exercise: Getting on the Same Page: What is an indicator?**  
First up: Jia Li, Alex de Sherbinin, Viki Reyes Garcia, Amy Snover  
Everyone else will rotate in!
- 11:30 a.m. **Flash Talks I: Frameworks & Methods for Indicator Development**  
Melissa Kenney, Mike Kolian & Jia Li, Laurie Monserrat, Susan Julius
- 12:15 p.m. **Synthesis Discussion: Frameworks & Methods**
- 12:30 p.m. *Lunch*
- 1:30 p.m. **Panel I: What are We Measuring- Resilience, Vulnerability, Adaptive Capacity?**  
Jesse M. Keenan, Susan Julius, Carrie Hritz, Jill Gambill
- 2 p.m. **Synthesis Discussion: What are We Measuring?**
- 2:30 p.m. **Flash Talks II: Indicator Use in Adaptation & Resilience Actions**  
Natasha Udu-Gama, Rebecca French, Amy Snover, Jill Gambill
- 3:15 p.m. **Synthesis Discussion: Adaptation & Resilience Action**
- 3:30 p.m. *Coffee*
- 3:45 p.m. **Group Workshop: Key Adaptation & Resilience Decisions**  
Four groups: local stakeholders, tribal governments, state, federal
- 4:30 p.m. **Processing & Wrapping Up Day 1**
- 5:00 p.m. **Adjourn**
- TBD *Optional Gathering*

*By the day, we will all:*

- know a little more about each other
- have a shared understanding of key indicator concepts and be able to articulate differences
- appreciate the social and decision contexts in which indicators may be used

## **Day 2, Thursday, May 16th**

- 9:00 a.m. **Introduction to Day II**  
Measuring Global Change, from ecological to social  
Socio-environmental Connections with Coastal Communities  
Building Indicators
- 9:15 a.m. **Flash Talks III: Geospatial & Ecological Measures**  
Anne Marsh, Carlos Gonzales Inca, Alex de Sherbinin, Mike Kolian
- 10:00 a.m. **Synthesis Discussion**
- 10:15 a.m. **Mapping Coastal Communities Part I (SES Connections)**
- 10:30 a.m. *Coffee*
- 10:45 a.m. **Flash Talks IV: Measures of People, Health, & the Economy**  
Amir Jina, Genee Smith, Victoria Ramenzoni, Viki Reyes Garcia
- 11:30 a.m. **Synthesis Discussion**
- 12:15 p.m. **Mapping Coastal Communities Part II (Existing Indicators)**
- 12:30 p.m. *Lunch*
- 1:30 p.m. **Panel II: What about culture?**  
Victoria Ramenzoni, Keely Maxwell, Viki Reyes Garcia, Carrie Hritz
- 2:00 p.m. **Mapping Coastal Communities Part III: (Normative Indicators)**
- 2:15 p.m. **Synthesis Discussion: Mapping Coastal Communities**
- 2:35 p.m. **Group Workshop: Prototyping SES Indicators**  
Task: Small groups develop prototypes for two SES indicators of climate change
- 3:30 p.m. *Coffee*
- 3:45 p.m. **Report Prototype Indicators**
- 4:10 p.m. **Group Deliberation: Vote on Best Two Indicators**
- 4:30 p.m. **Processing & Wrapping Up Day 2**
- 5:00 p.m. **Adjourn**
- TBD *Optional Gathering*

*By the end of the day, we will all:*

- have a better sense of the range of social, ecological and socio-environmental indicators
- understand coastal community climate connections
- be prepared to further build out prototype indicators

## **Day 3, Friday, May 17, 2019**

9:00 a.m. **Introduction to Day III**

9:10 a.m. **Workshop: Build Out Prototype Indicators**

Teams work to build out prototypes:

Public Administration, Community & Public Health, Data Methods & Results,  
Time & Cost

Jigsaw Puzzle discussion

10:30 a.m. *Coffee*

10:50 a.m. **Group Deliberation: What Indicators Survive?**

Identifying key features and factors

11:30 a.m. **Mainstreaming & Managing Exercise**

Management, Execution and Ongoing Intelligence; Intellectual Property

Mainstreaming SES Indicators

12:30 p.m. *Lunch*

1:30 p.m. **Next Steps**

Personal reflection

Share learnings

Identifying collaborations on workshop outputs

Next steps for indicator development and use

3:30 p.m. *Last chance for coffee*

**Boy voyage!**

### **Proposed Outputs**

(combinations of participants may work on different outputs, as desired)

1. White paper synthesizing workshop findings.
2. Peer-reviewed journal publication.
3. Submit panel for upcoming conferences.
4. Short technical brief helping bridge technical development and end user perspectives.
5. Give briefings on workshop findings.
6. At least one indicator to test in different contexts.

*By the end of the workshop, we will all:*

-have a broader network of collaborators

-have a plan for moving forward on workshop outputs

-identify next steps for indicator development and use