

Climate Circle for [Thematic Session](#) on “Combating Climate Anxiety through Data”

Dec 13, 2024 @ 1:00 PM EST

<https://tinyurl.com/ClimateResilienceCC-3>

[Thematic Session Notes](#)

Facilitator introductions

Lisa Spiro
Justin Wadland

Opening

“There is no drop of water in the ocean, not even in the deepest parts of the abyss, that does not know and respond to the mysterious forces that create the tide.” (Rachel Carson)

DLF Code of Conduct

<https://www.diglib.org/about/code-of-conduct/>

- listening as much as you speak
- using welcoming language
- seeking concrete ways to make online resources more universally accessible

Summary

- Dr. Amanda Whitmire, Hopkins Marine Station, Stanford University
 - Personal mandate to transform collections into actionable datasets as a way of helping to solve climate problems. For example, OCRing marine data locked in PDFs and turning it into usable data
- Dr. Mark Merrifield, Scripps Institution of Oceanography - UC, San Diego, Adapting to Rising Seas
 - Working with communities to create detection systems for coastal flooding using data from multiple sources (LIDAR drone, Static LIDAR, video camera, wave sensors, wave buoy)
 - Need to address Information Gaps such as coastal observations of extreme water level impacts– when and where did it flood? How long? How deep?
 - Asks: What are the effective ways of archiving and accessing co-produced knowledge?

- Dr. Stuart Sandin, Scripps Institution of Oceanography - UC, San Diego: A Case Study of Coral Reefs
 - Datasets on coral reefs are often focused, site specific, and fairly personal
 - Attempts have been made to aggregate coral reef data, but much of the data couldn't be used because of missing metadata, loss of data, unverifiable data, heterogeneity of data, etc.
- For reference: [Shared notes for session](#)

Discussion Questions

Pick your favorite questions. We'd like each group to share **one** insight from their discussion when we report out.

- 1) What are some strategies for dealing with climate anxiety?
- 2) How might we use data to address the climate crisis?
- 3) What roles might libraries play in helping researchers and residents manage, describe, find, analyze, understand, and share data?
- 4) How might libraries and researchers work with local communities to co-produce knowledge and ensure that their needs are understood and honored?
- 5) How do we balance the environmental costs of data centers with the need for access to research data and computing resources?
- 6) What questions would you like to pose?

[Reconvene at 1:40 EST]

Report out

Please share **one** insight from your small group discussion.

Closing

"Action is the antidote to despair." (Joan Baez)