

# Year 1 of the CCRCN: A data repository for the wetlands community

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**Coastal Carbon**  
Research Coordination Network

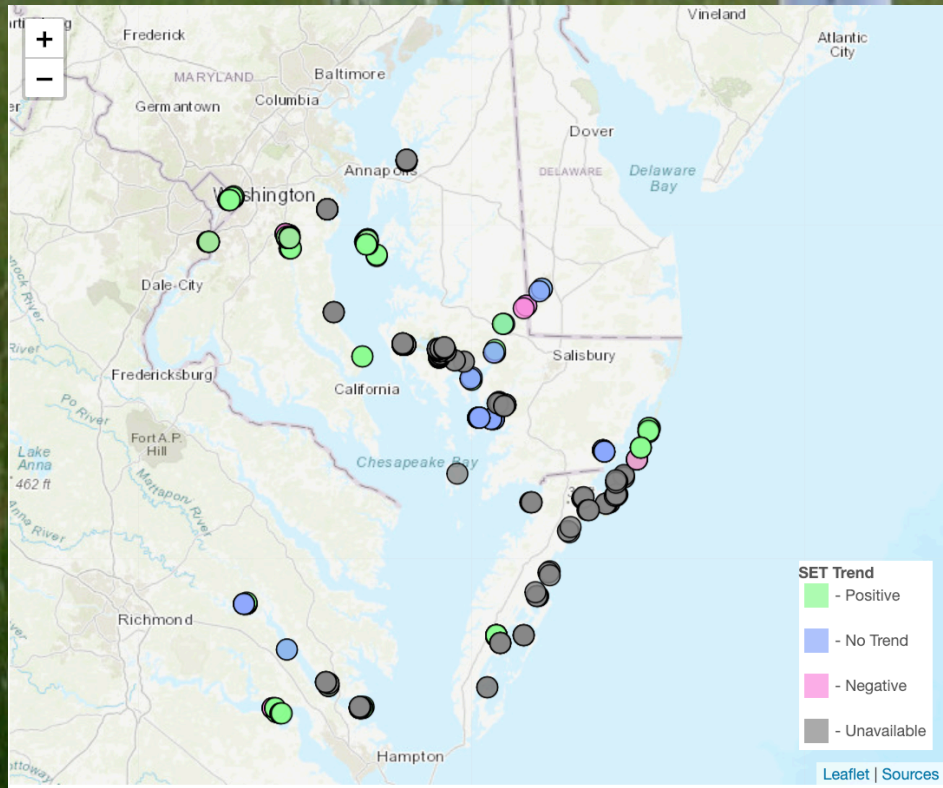


CONSERVATION  
INTERNATIONAL





# SERC: Smithsonian Environmental Research Center

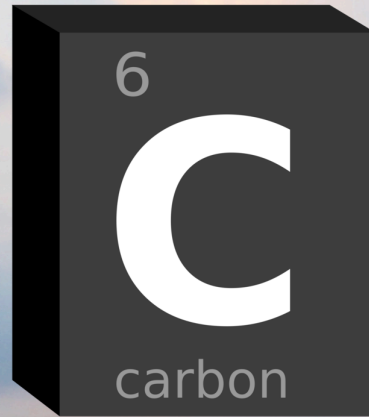


<http://chesapeakebayssc.org/>

## GCRew: Global Change Research Wetland



# Natural climate solutions





# Coastal Carbon

Research Coordination Network

Open-Source  
Modeling

Science Workshops

Data Clearinghouse

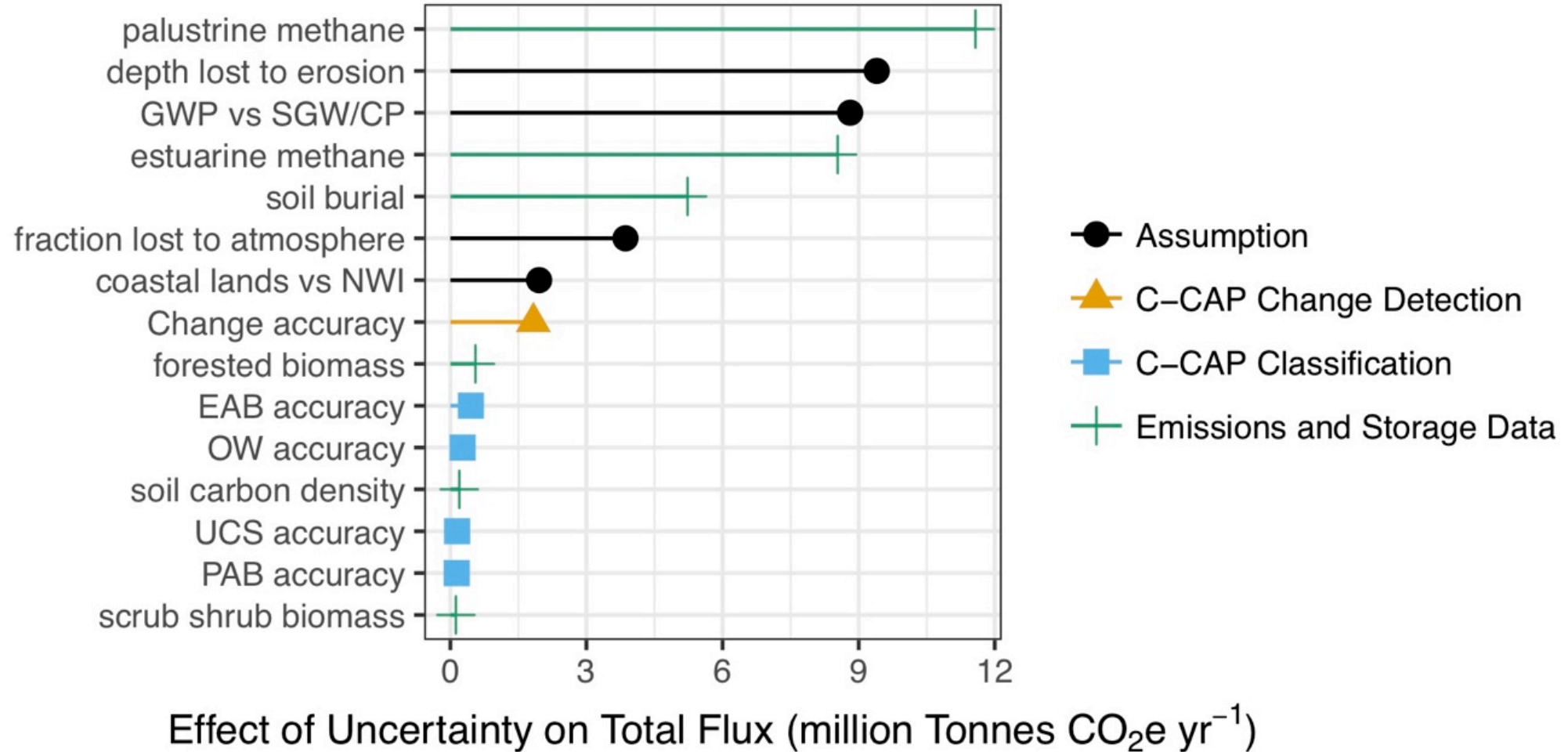
Training

Community  
Coordination



# Quantifiable improvements to the state of the science

## Sensitivity Analysis for Determining Future Research Priorities





# Soil Carbon Working Group

Improved measuring, reporting, modeling, and mapping of carbon sequestration rates in coastal wetlands

Edgewater, MD  
December 8-9, 2018



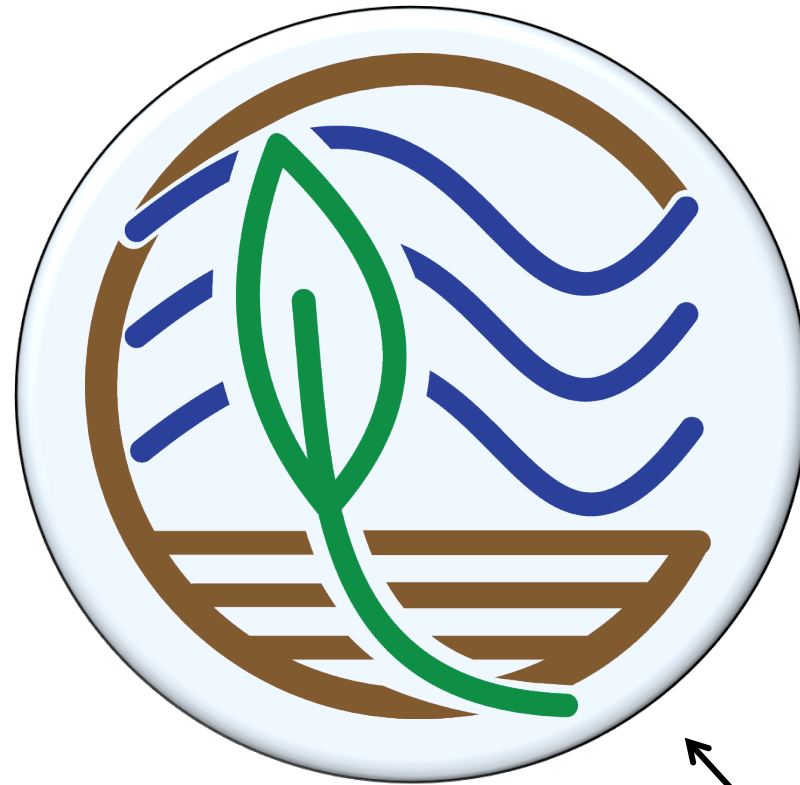




We are...

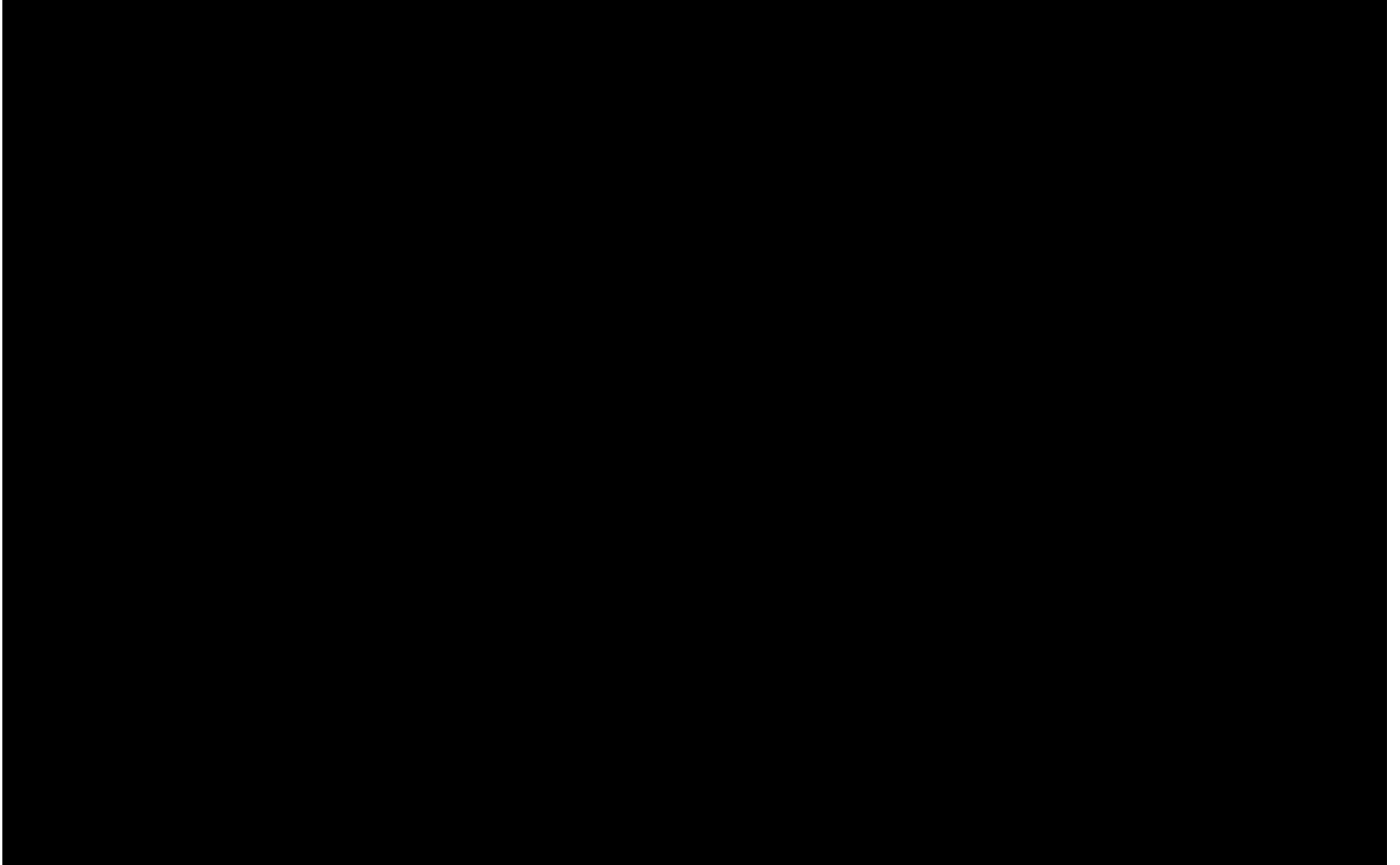
- Using CCRCN data repository
- Open-source version of a prominent marsh SLR resilience model (MEM)
- Provide useable carbon storage/sequestration forecasts





Press







# Data Archival with the CCRCN



Increased visibility for data inclusion in syntheses

Safe, stable over the longterm, and not public before papers are published

The structure of the CCRCN data clearinghouse is receptive to the feedback of the coastal carbon community

Full-time staff to assist with data QA/QC and for archival

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**LIMITED TIME ONLY**

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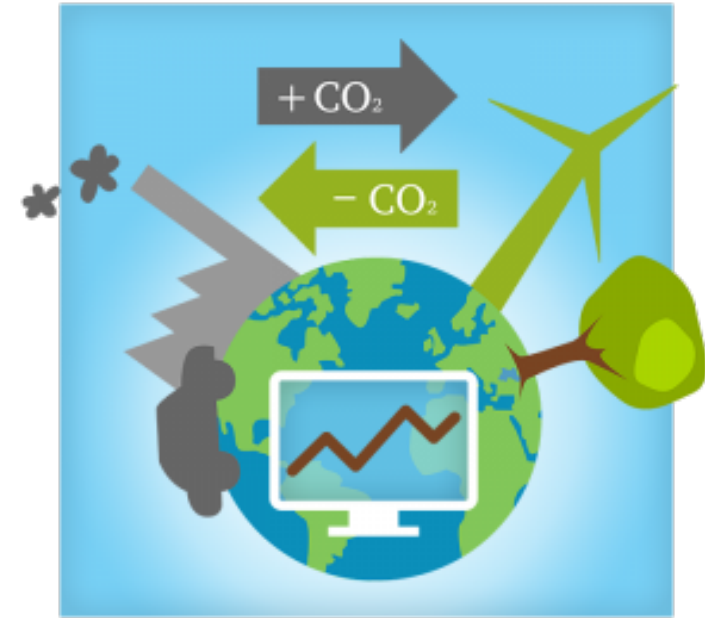
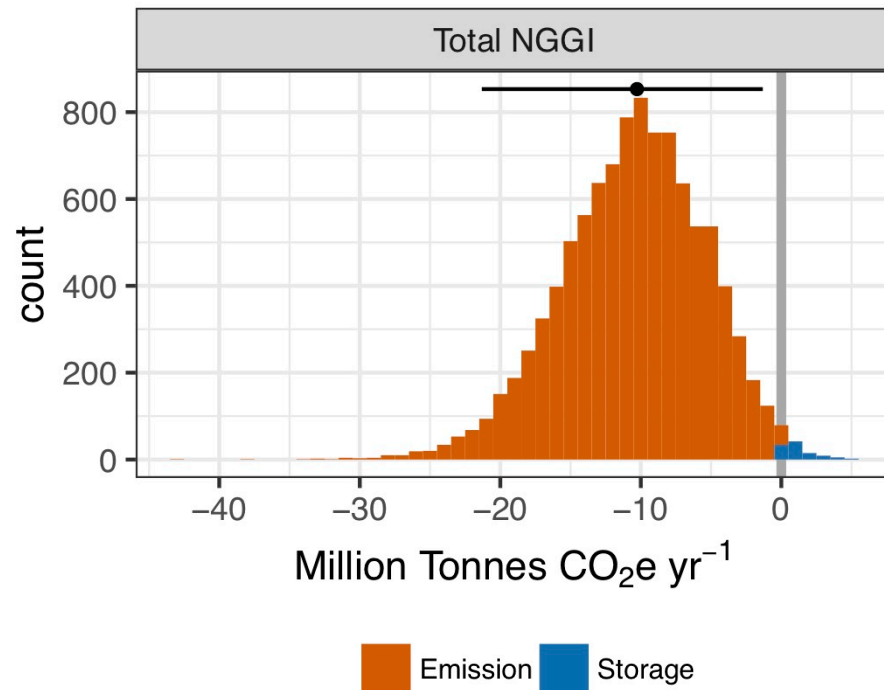
# Global Vision: local to international



Dr. Emily Pidgeon, COP24

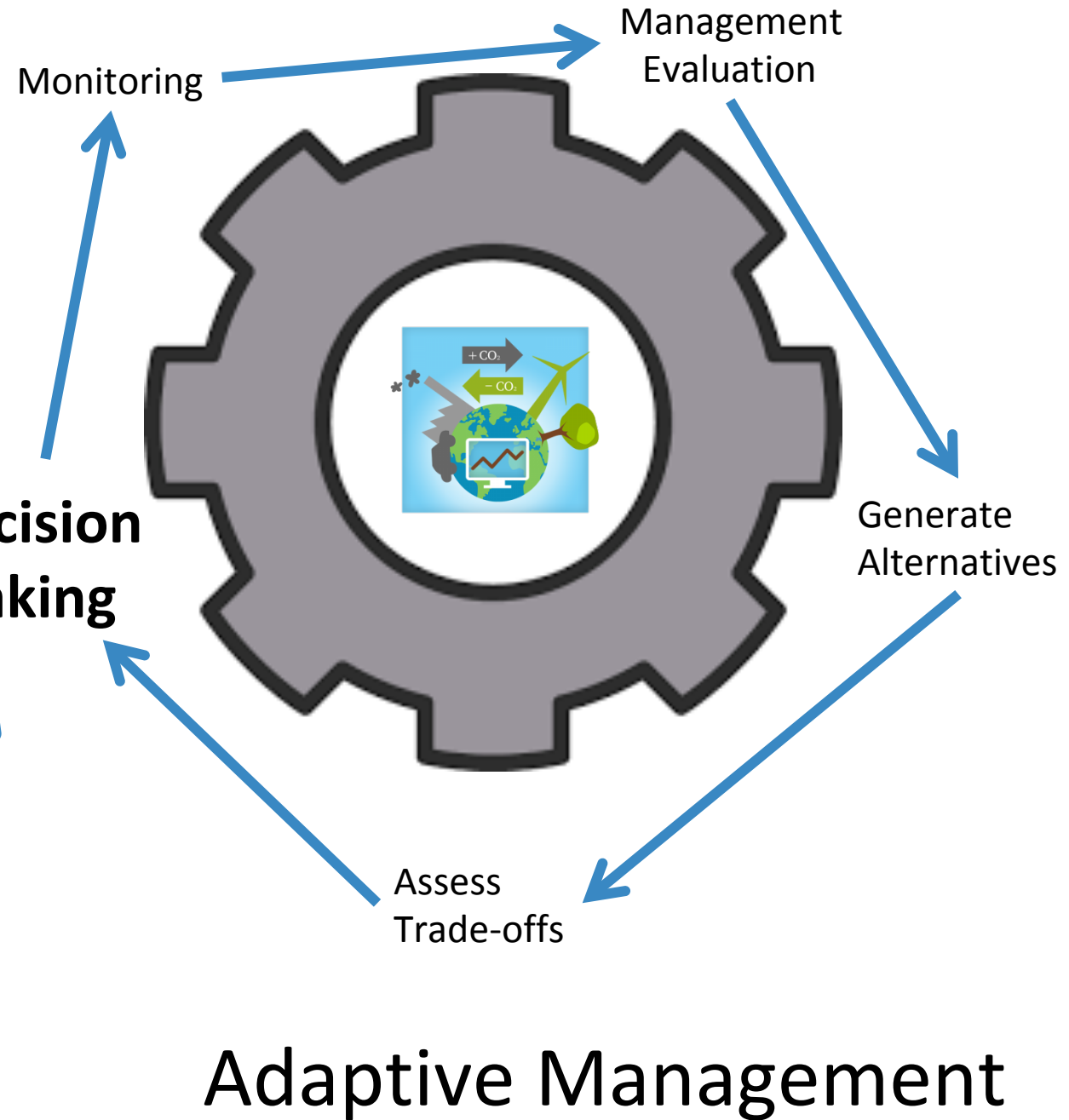
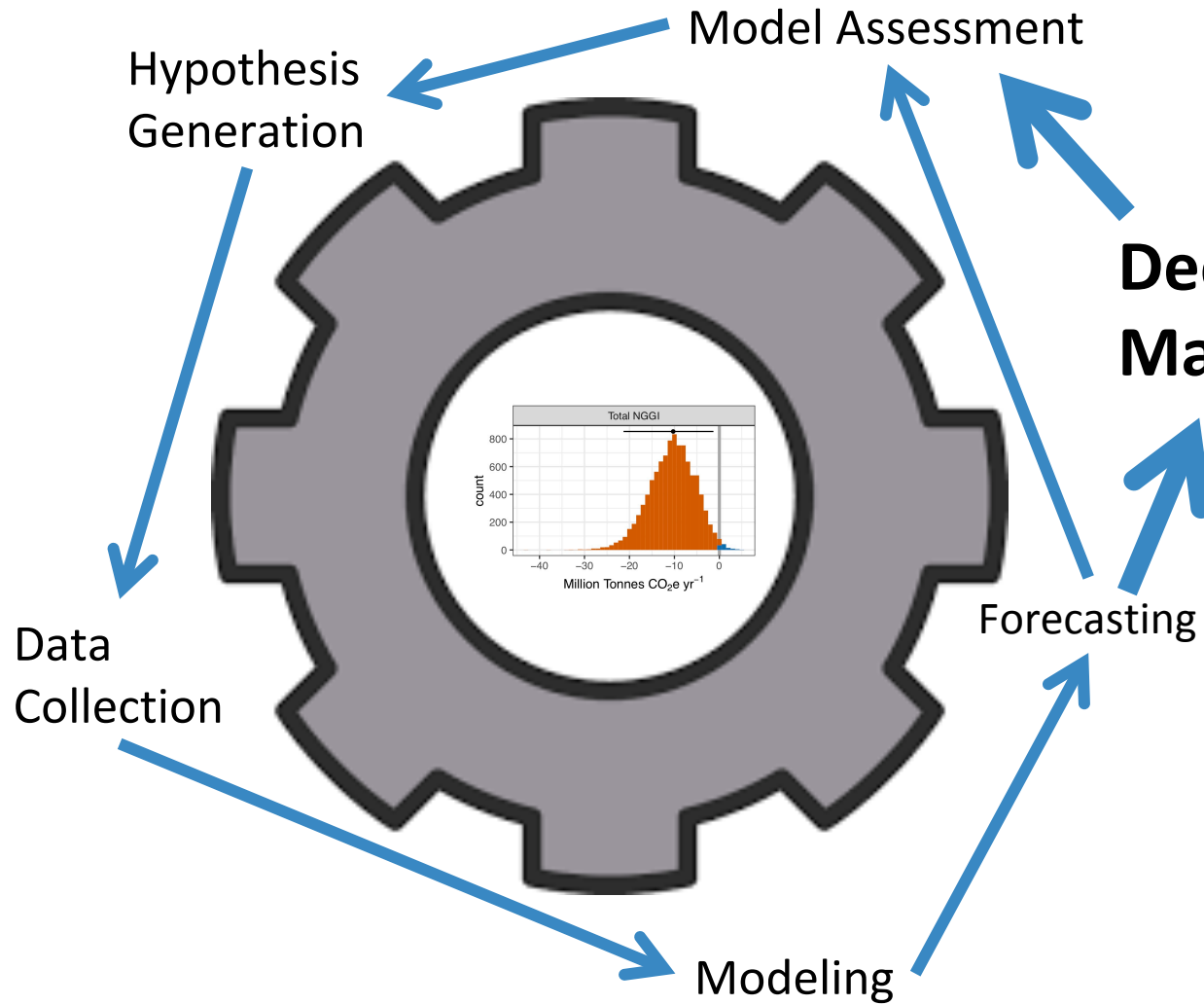


# Open-access databases, analyses and tools for C accounting, land management, and science

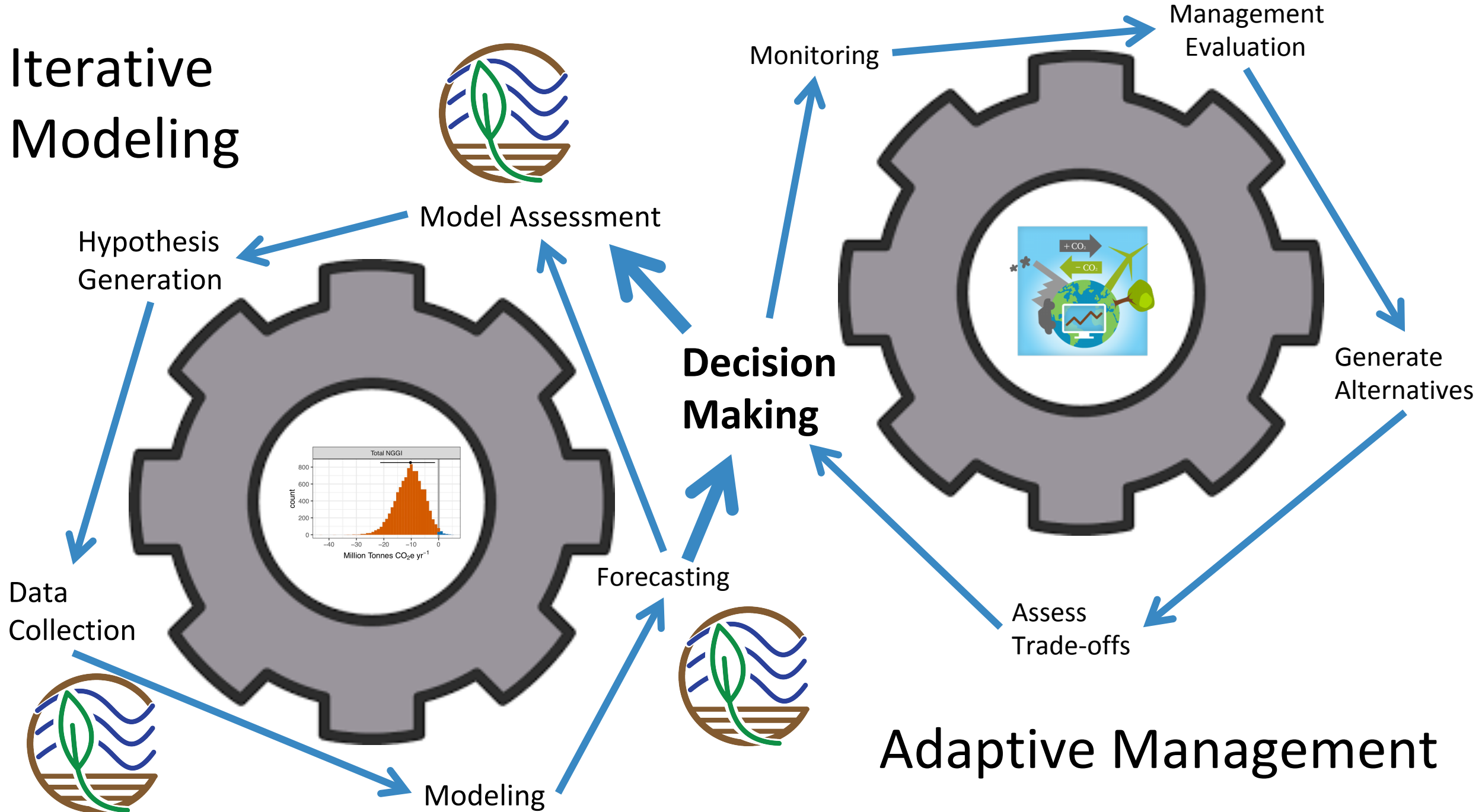




# Iterative Modeling



# Iterative Modeling





# Questions?

<https://serc.si.edu/coastalcarbon>

<https://ccrcn.shinyapps.io/CoastalCarbonAtlas/>



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