Lessons Learned from North Carolina: Sea Grant’s Role in Engaging for Adaptation

Jessica Whitehead, Ph.D
North Carolina Sea Grant
23 April 2019

4th National Adaptation Forum
engage verb
en·gage | \in-ˈgāj, en-
engaged; engaging
to offer as backing
to involve
to hold the attention of
to induce to participate
to deal with, especially at length

(Merriam-Webster 2019)
VCAPS supports initial phases of resilience planning and implementation...

...supported by real-time diagramming.
Future Land Use Map

(Old FLUM)

(Future Land Use)

(Old FLUM)

(New FLUM)

(Correll and McLeod, 2019)
Major Adaptation Challenges

• What are the municipal duties when infrastructure like roads must be abandoned?

• What can municipalities do about septic systems that are failing because groundwater tables are rising?

• What about other issues not within a town or County’s jurisdiction?
Lessons for Successful Implementation

• Incorporate local knowledge and concerns
• Put goals and values, not science, first
• Partner to meet whole community resilience needs
• Make near term steps achievable
• Accommodate new hazards, concerns
Questions?

Jessica Whitehead, Ph.D.

j_whitehead@ncsu.edu

@JCWClimate

photo: Baxter Miller