

# Rural Coastal Communities: A Unique Case of Resilience versus Risk

Matthew Jurjonas

Dr. Erin Seekamp

Department of Parks, Recreation, and Tourism Management

North Carolina State University

# Research Overview

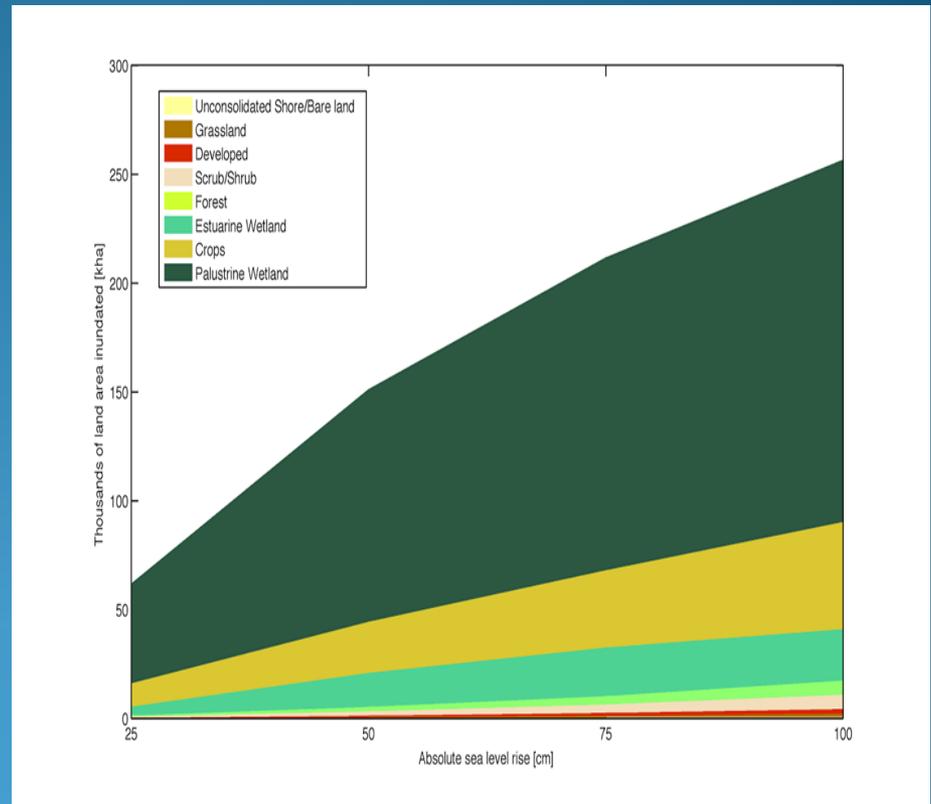
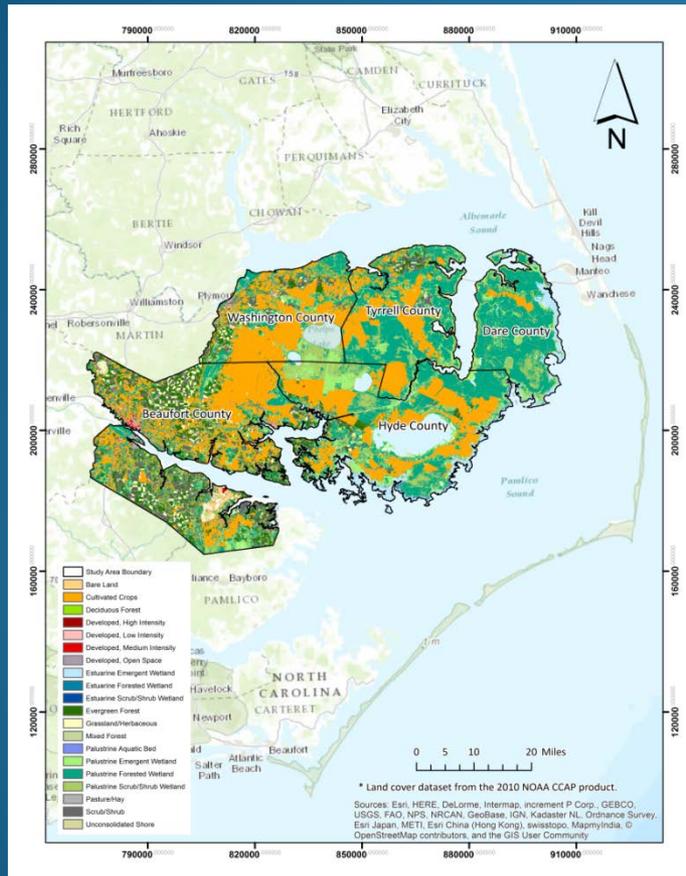
- The Albemarle Pamlico Peninsula
- Why it is a unique case of resilience vs. risk
- A framework for rural coastal communities
- Does it work?

Literature Review and Focus Group



Address specific barrier or risk

# The Albemarle Pamlico Peninsula



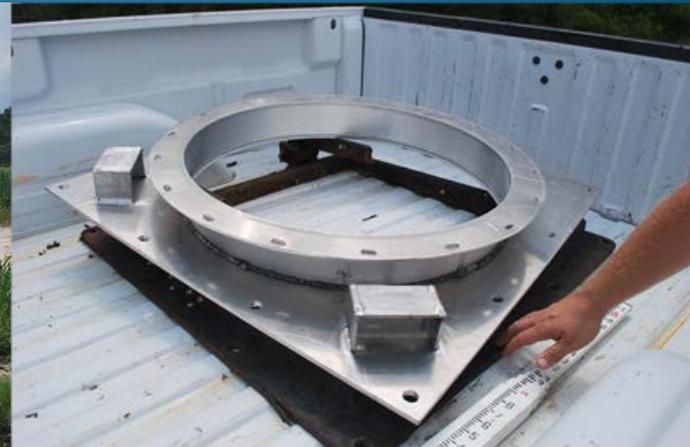
# Urban and Tourist Coastal Areas

- Resilience planning
- FEMA
- Tourism revenue
- Tax base



# Rural Coastal Communities

- Agriculture
- Timber
- Commercial fishing
- Wildlife tourism



# The Rural Coastal Community Resilience Framework



Indicator	Stressor
Livelihood Diversity	Livelihood Dependency
Prosperity	Inequality
Ecosystem Services	Unsustainable Development
Community Cohesion	Community Disengagement
Agency	Rigidity

# A Focus Group

- Pre and Post Survey
- Physical Exposure Presentation
- Risk and Resilience Dynamic



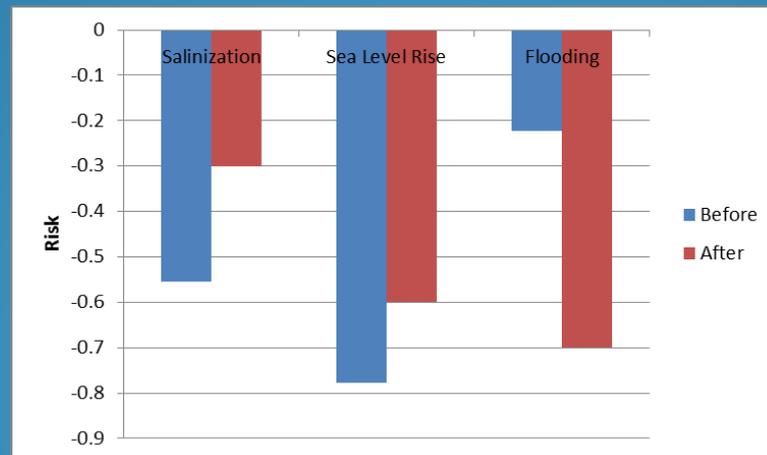
# Physical Exposure



retrieved from: <https://coast.noaa.gov/slr/>

# Survey Results

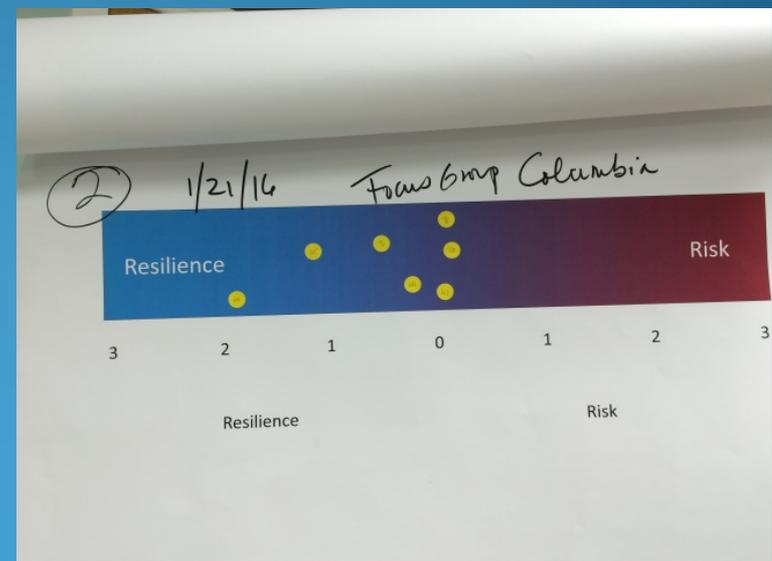
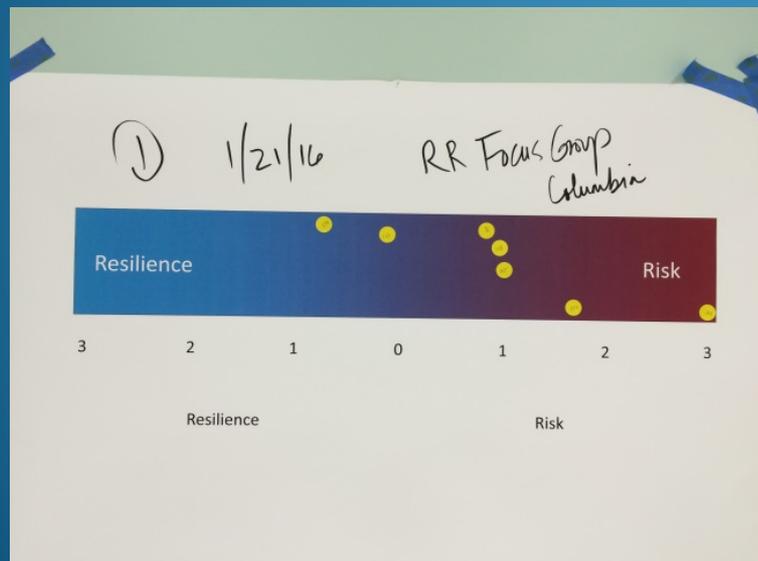
My community is prepared for:						
	Salinization		Sea Level Rise		Flooding	
	Strongly Disagree=-2	Disagree=-1	Neutral=0	Agree=1	Strongly Agree=2	
	Before	After	Before	After	Before	After
Average	-0.55556	-0.3	-0.77778	-0.6	-0.22222	-0.7
Std. Dev.	.72	1.16	1.20	.84	1.39	.94



# Results

## Key perceptions

- Regulations
- Sea level rise
- Opportunities
- Community Cohesion



# Setting the Context

**S**alinization

**A**daptive Capacity Building for

**L**and Use &

**T**ourism Development



# Thank you!!!

## Any questions?

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**NC STATE UNIVERSITY**

# References

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