Comparing Costs of Future Growth Scenarios in McIntosh Co.

JP Schmidt, Post-doctoral Associate, Marine Sciences, U.G.A.
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What is value of forested lands?

**market goods**
- timber
- recreation

**public goods**
- water
- qual./quant.
- carbon storage
- biodiversity

What is the value of wetlands?

- biodiversity
- water quality
- nursery/fisheries
- scenic/rec.
- carbon storage
What are the main sources of revenue for McIntosh County?

Where are service costs greatest currently?
- schools
- roads
- water/sewer
- police/fire/emt

How do revenue sources relate directly to natural resources?

What lands or resources in the county generate the greatest value?

Which service costs are likely to increase the most?

Where are ES losses greatest with development?
Can future land use be jointly optimized to both preserve ES and reduce costs to county government?

**Project goals:**
- mapping value of forested lands and wetlands
- under contrasting development scenarios – **conservation** vs. **conventional**
  - mapping changes in **ES value**
  - comparing **cost of services**

**Data sources:**
- county tax digest
- Forest Inventory and Analysis (USFS)
- value transfer studies (Moore, Brander)
- interviews with county mgmt