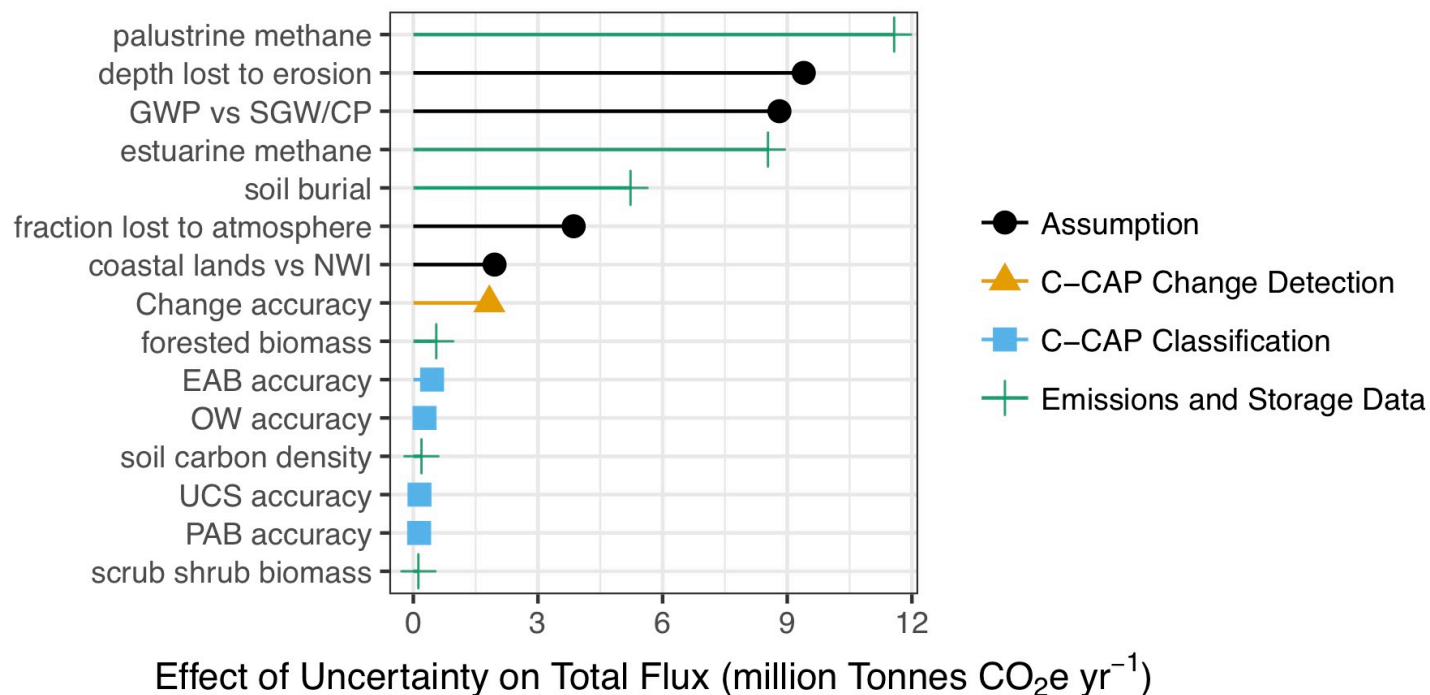


Uncertainty in United States Coastal Wetland Greenhouse Gas Inventories

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- Coastal wetlands can be a sink or source of greenhouse gasses (GHG).
- We merged Coastal Change Analysis Program (C-CAP) maps with data and assumptions.
- From 2006-2011 coastal wetlands were an source of GHGs due to erosion in Louisiana.
- Data and assumptions on CH₄ emission, erosion events, and carbon burial introduced the most uncertainty into this inventory.



We need more data, and better models (maps) of coastal CH₄ emissions and CO₂ burial. We could also use better change detection, and map accuracy assessments that go back further in time.

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