



Convergence Approach to Forest Carbon Modeling

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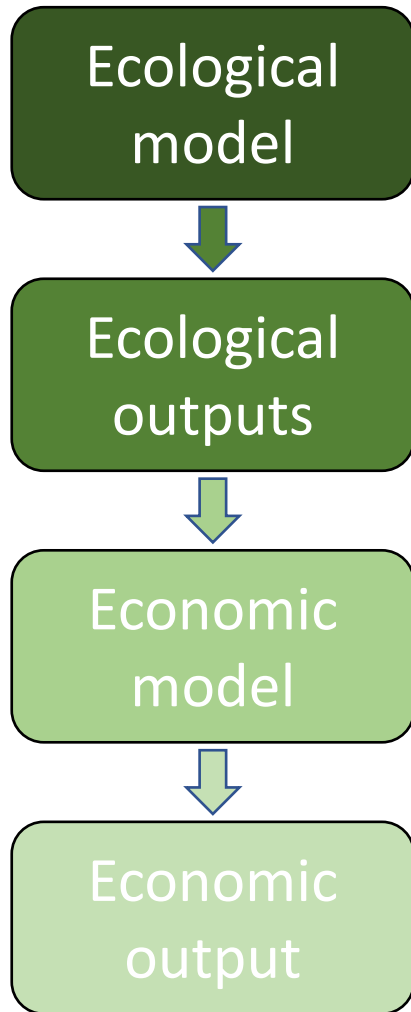


Size of carbon sink?

What changes the sink?

Policy implications?

Forest Carbon Modeling



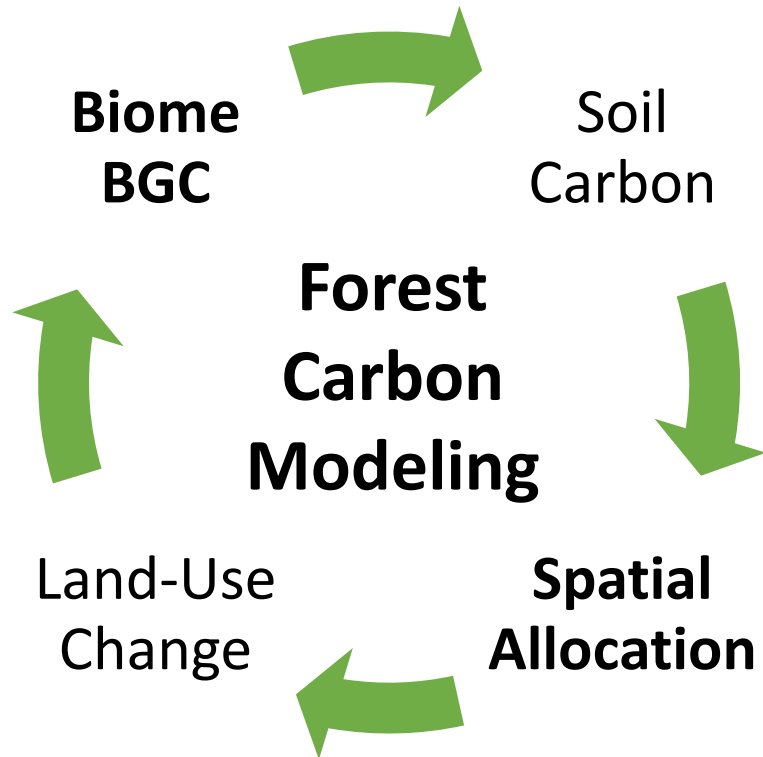
How do we model forest carbon?



Interactions between land use and soils:

- Nutrient cycle
- Water cycle
- Carbon cycle
- Land productivity
- Management choices

Soil carbon
and land
use change



Convergence
approach to
modeling
forest carbon



Benefits of this approach

**Interdisciplinary
modeling framework**

**Increased accuracy =
better policy**

**Spatial analyses and
environmental justice**



Future decisions

Easier said than done!

Requires cooperation

Trade-offs!!



Thanks!

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