Jurisdictional-Scale Carbon Accounting - Evaluating Options

The Nature Conservancy
Protecting nature. Preserving life.™

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question:

what is the role of global datasets
in jurisdictional forest carbon accounting?

Reference → HOW? ← Source

Watchdog

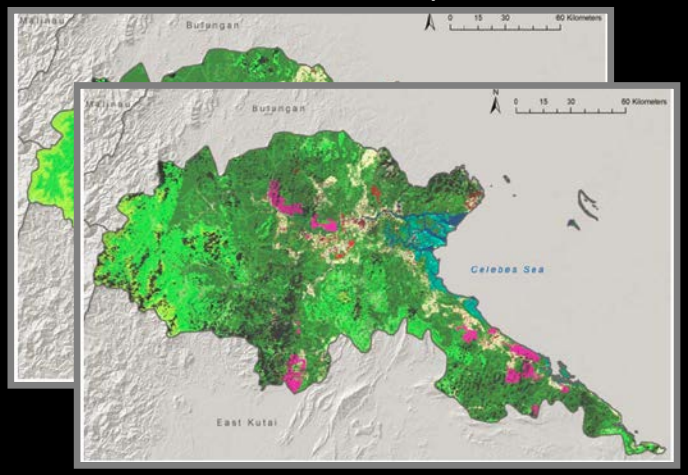
Leapfrog

alternative IPCC methods

Stock-Difference

- ✓ All transitions

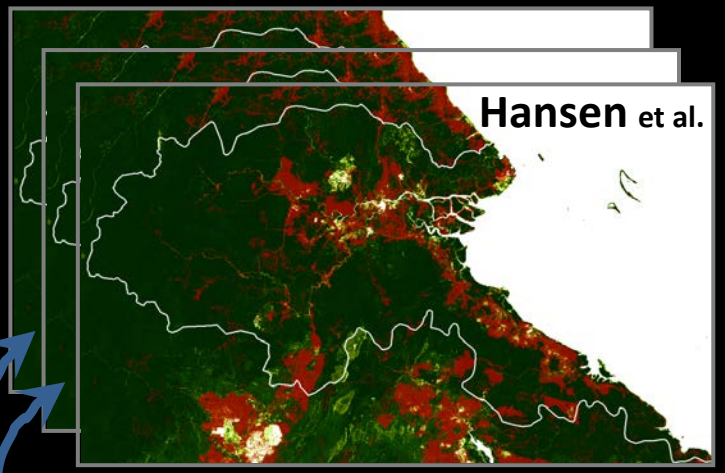
land use/cover map



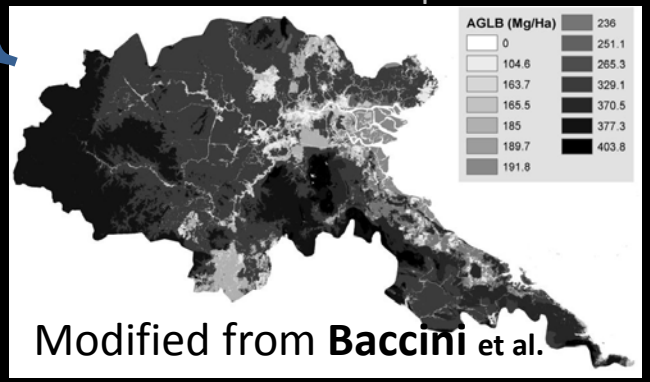
Gain-Loss

- ✓ Global datasets
- ✓ Uncertainty

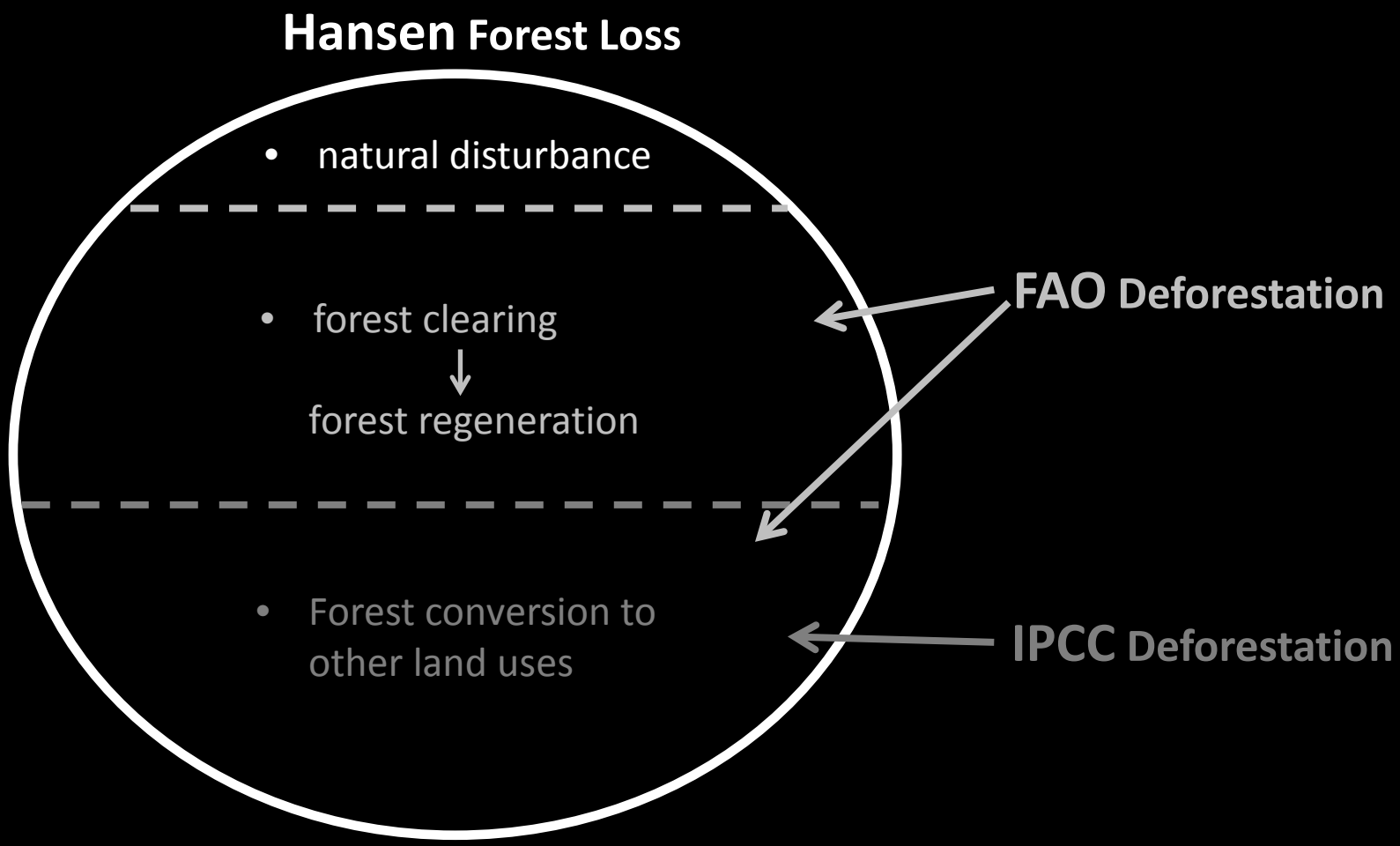
forest loss/gain map



forest biomass map



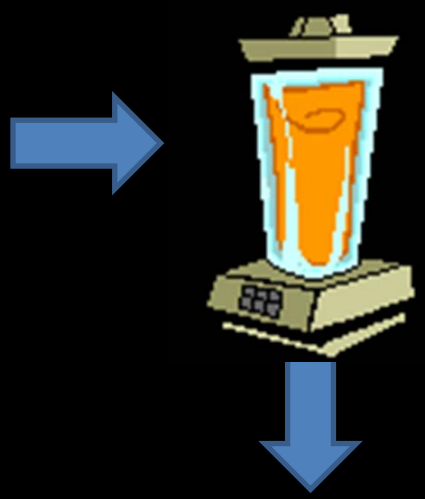
Definitions:
Deforestation vs. Forest Loss



TNC Perspective:
Carbon Accounting Goals

C Accounting Principles

- Accuracy
- Comparability
- Completeness
- Conservativeness
- Consistency
- Transparency



- Reality

- **Relevant**
- **Scaleable**
- **Known Uncertainty**

TNC Perspective:
4 Steps

1. Identify pools and fluxes.

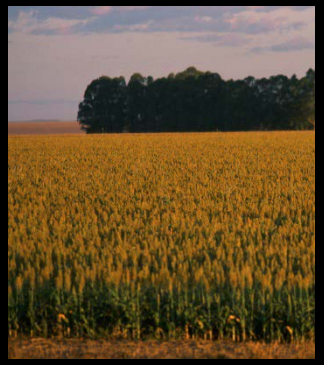
2. Accuracy assessments

   - Identify best existing & missing data

3. Calibrate, modify, and/or build datasets.

4. Calculate emissions and overall uncertainty.

✓ Hansen forest loss
✓ FAO defor
✓ IPCC defor



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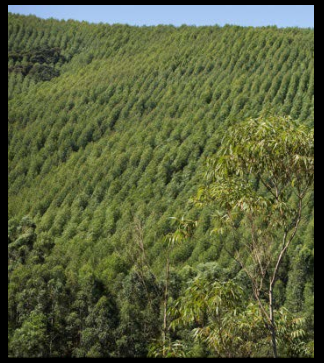
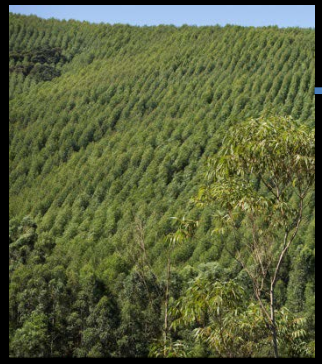
✓ FAO defor
X IPCC defor??

✓ forest gain
✓ reforestation





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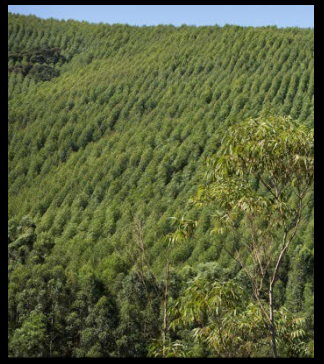
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