

Sustaining Tropical Forests with Forestry

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SUSTAINABILITY

Longer Cutting Cycles

Silvicultural Treatments

Lower Intensity

FLEGT

FSC

REDD⁺

Community

Lacey Act

Certification

VCS

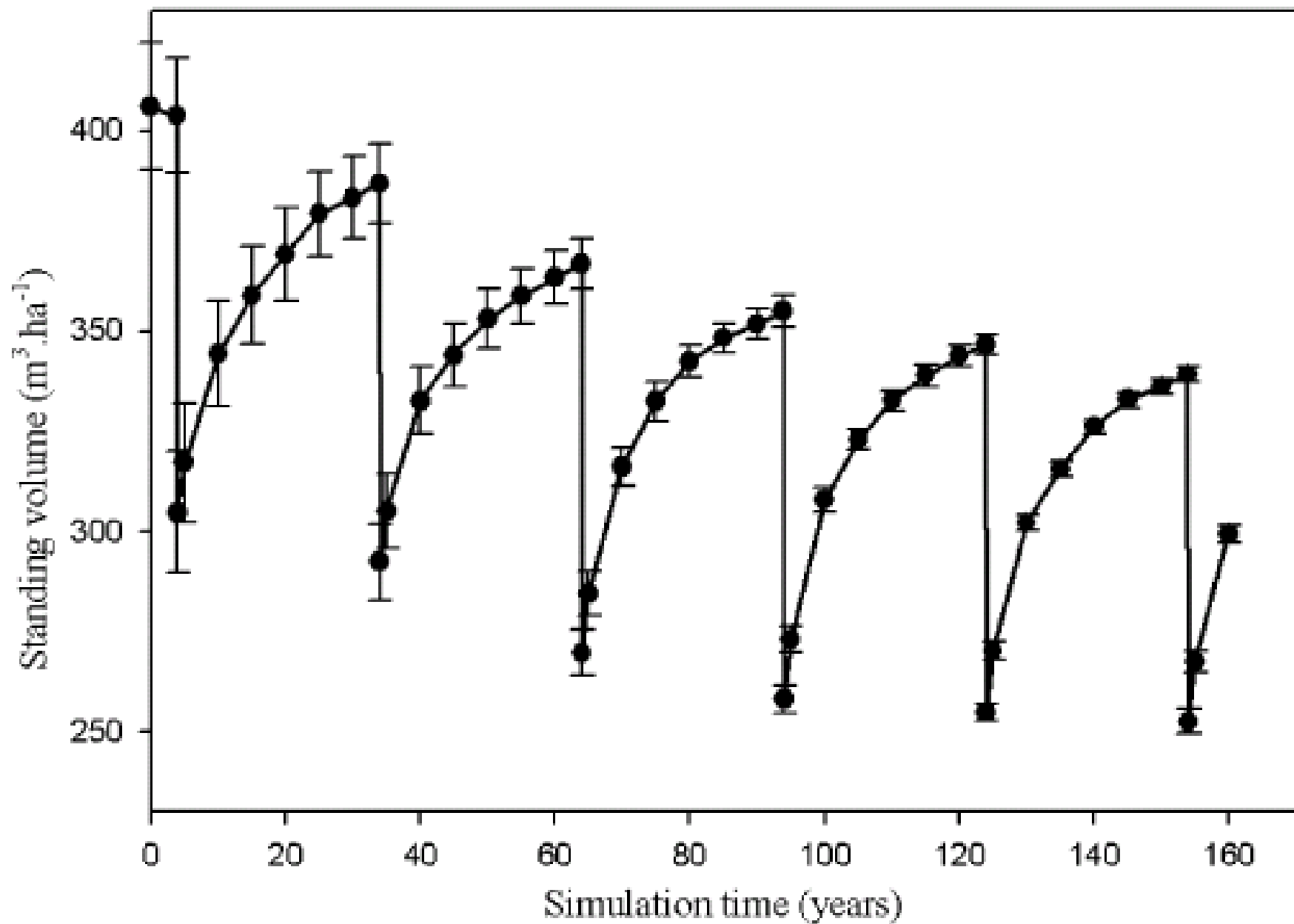
Control

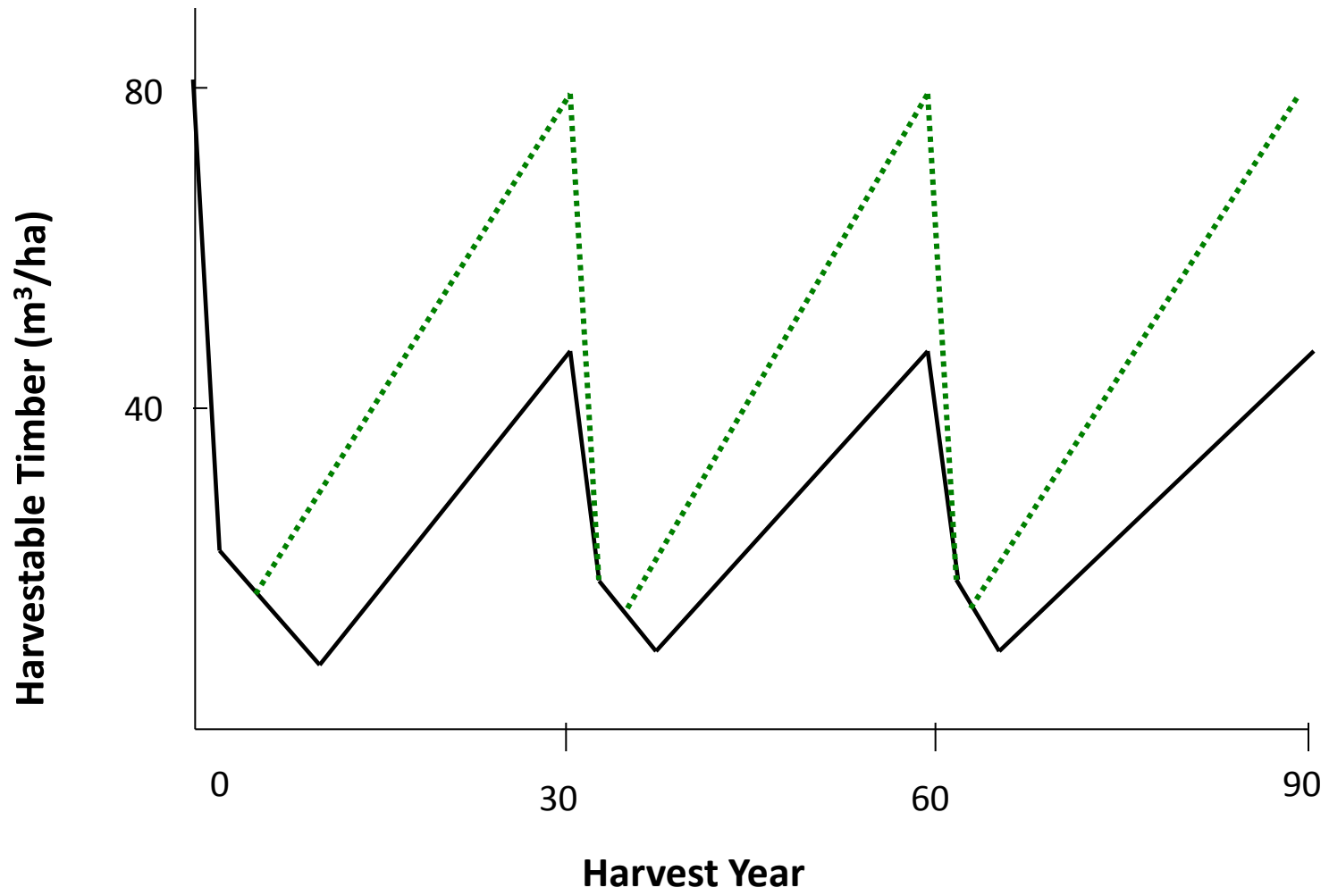
REDUCED-IMPACT LOGGING



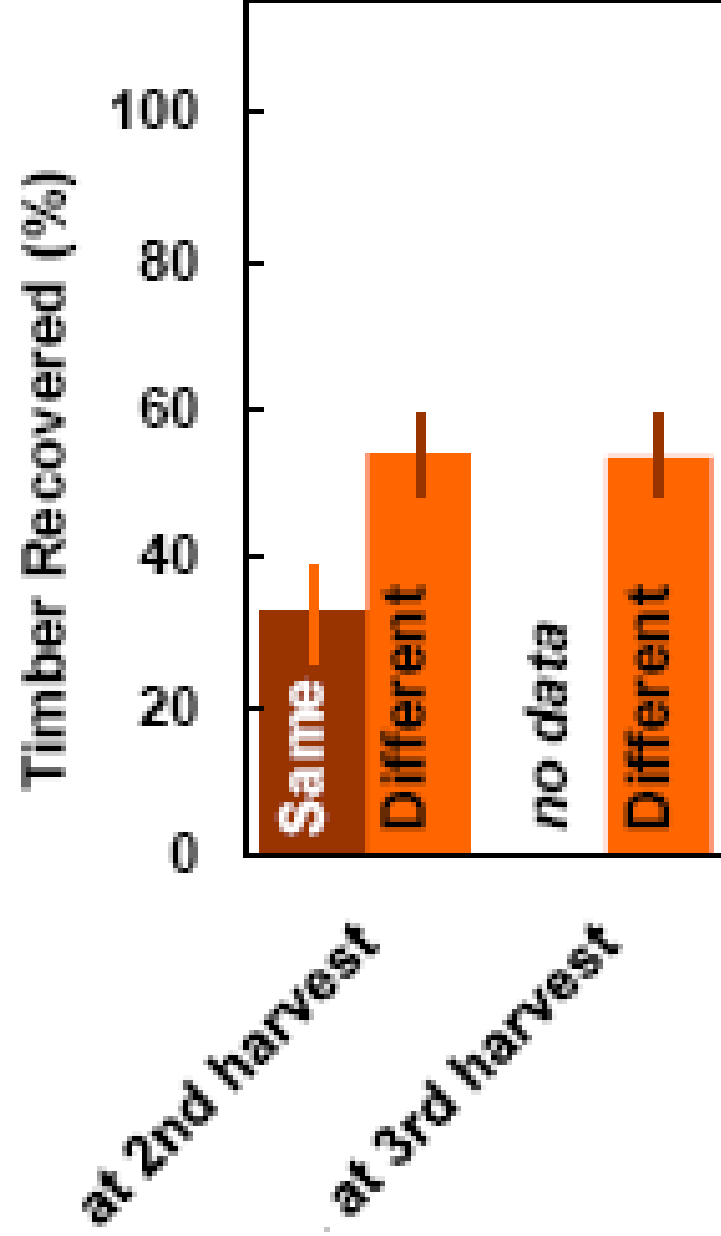


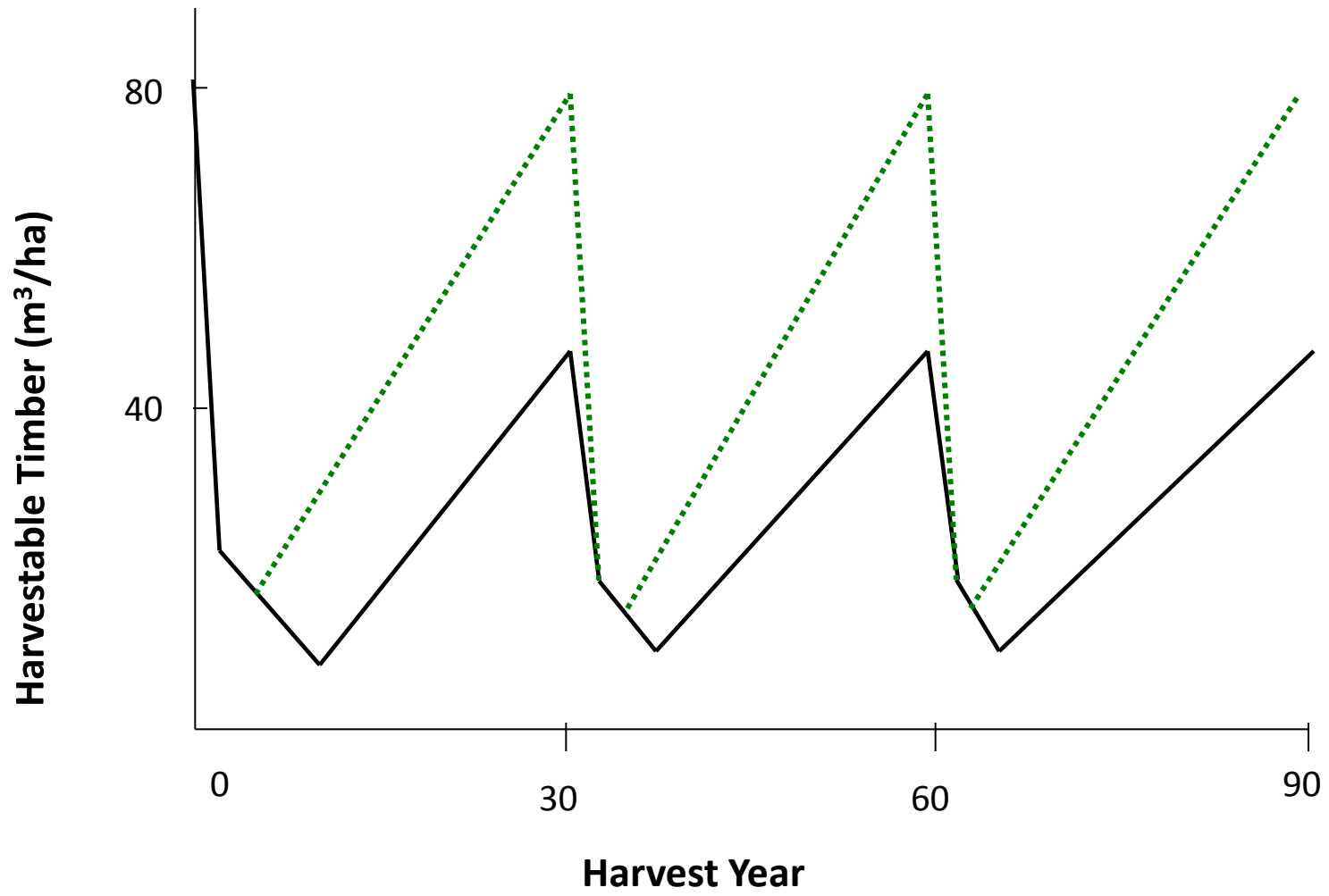


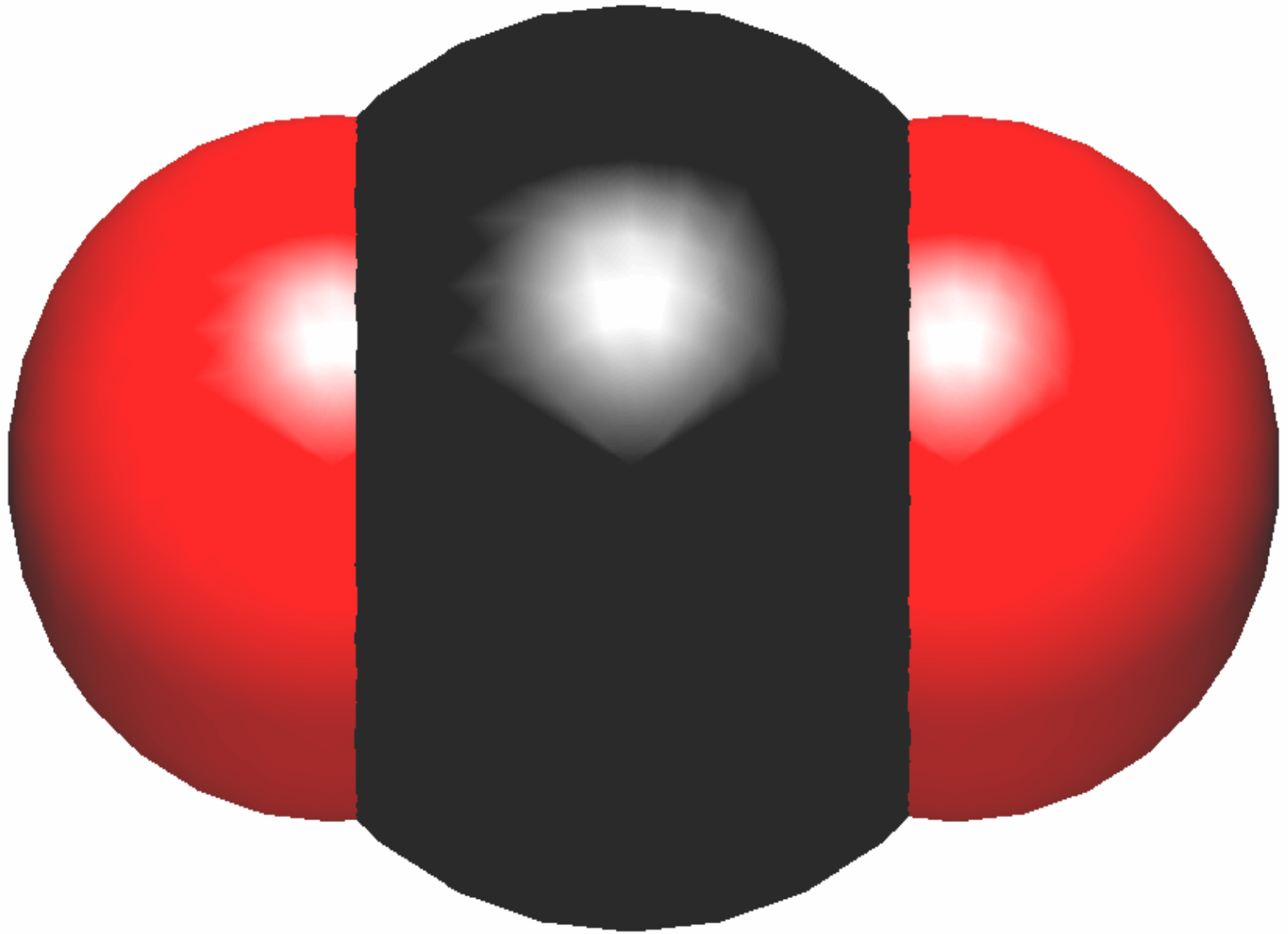










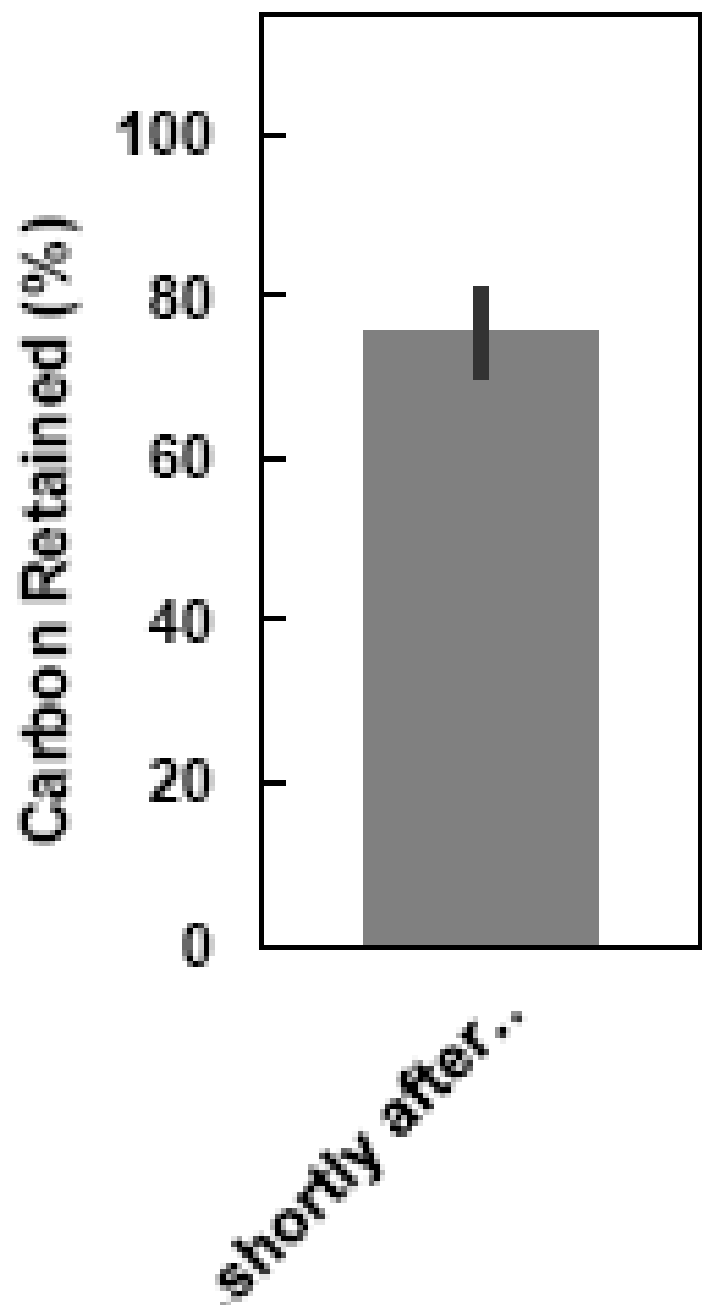


A Molecule of Carbon Dioxide



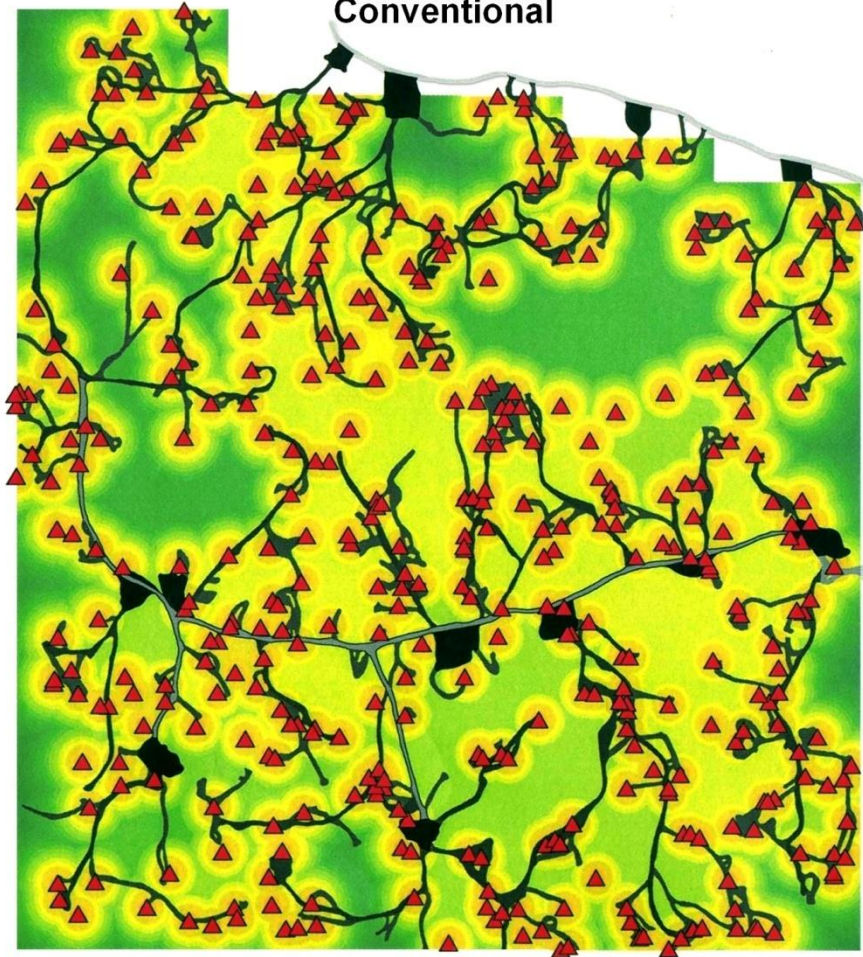
Reducing
Emissions from
Deforestation & Forest
Degradation

REDD

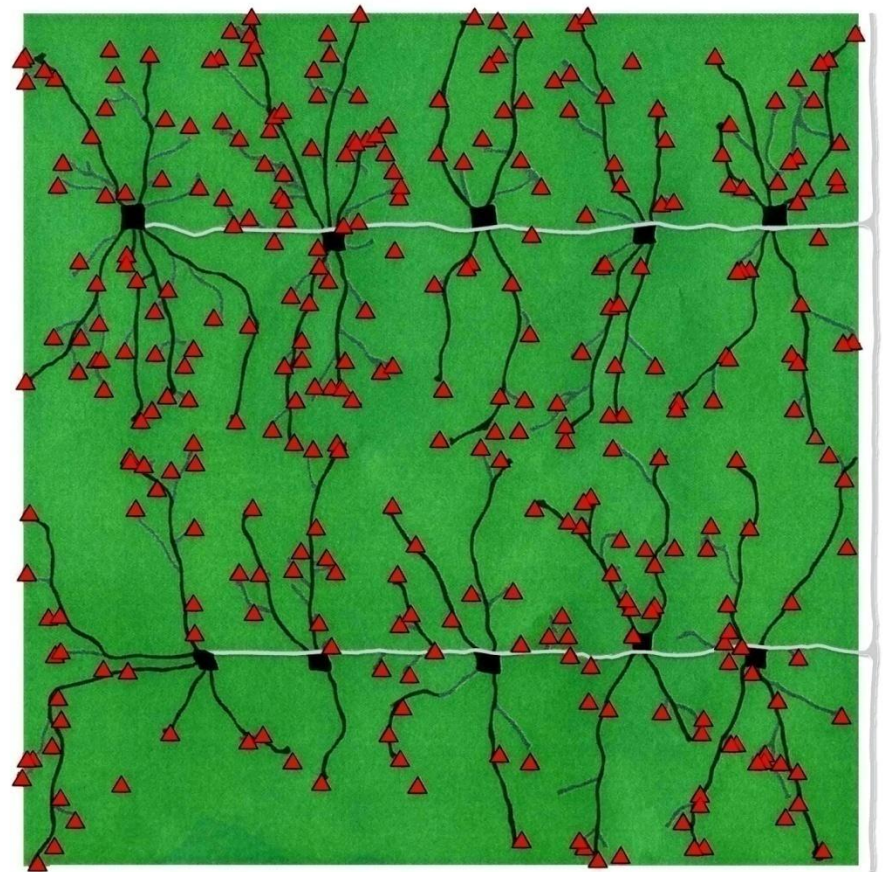


1996 Logging Plots

Conventional



Reduced Impact



Roads

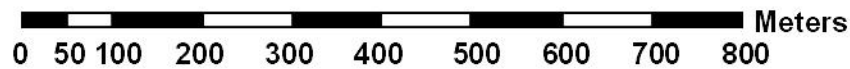
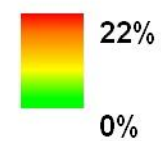
Major Road
Major Skid

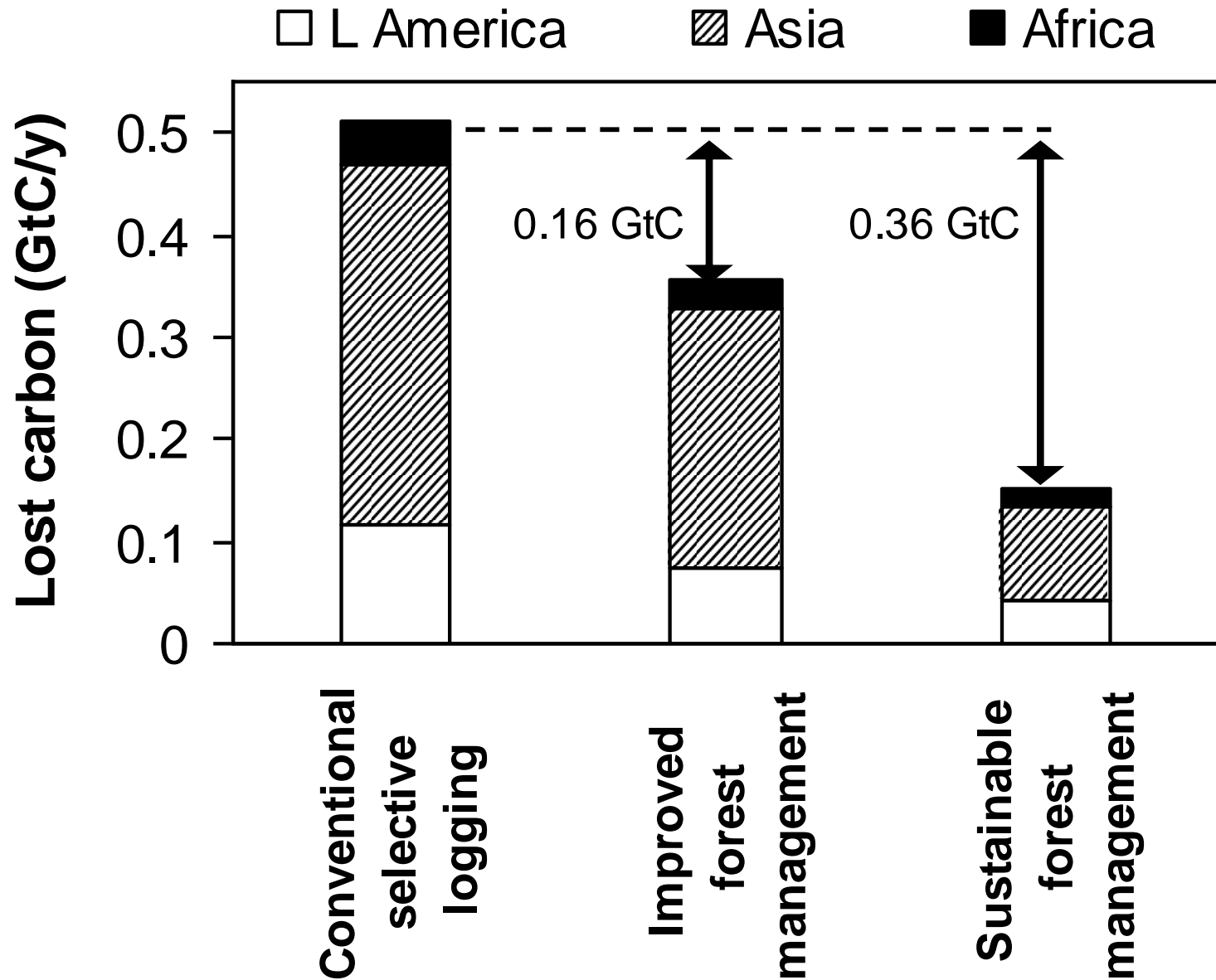
Minor Road
Minor Skid
Patio

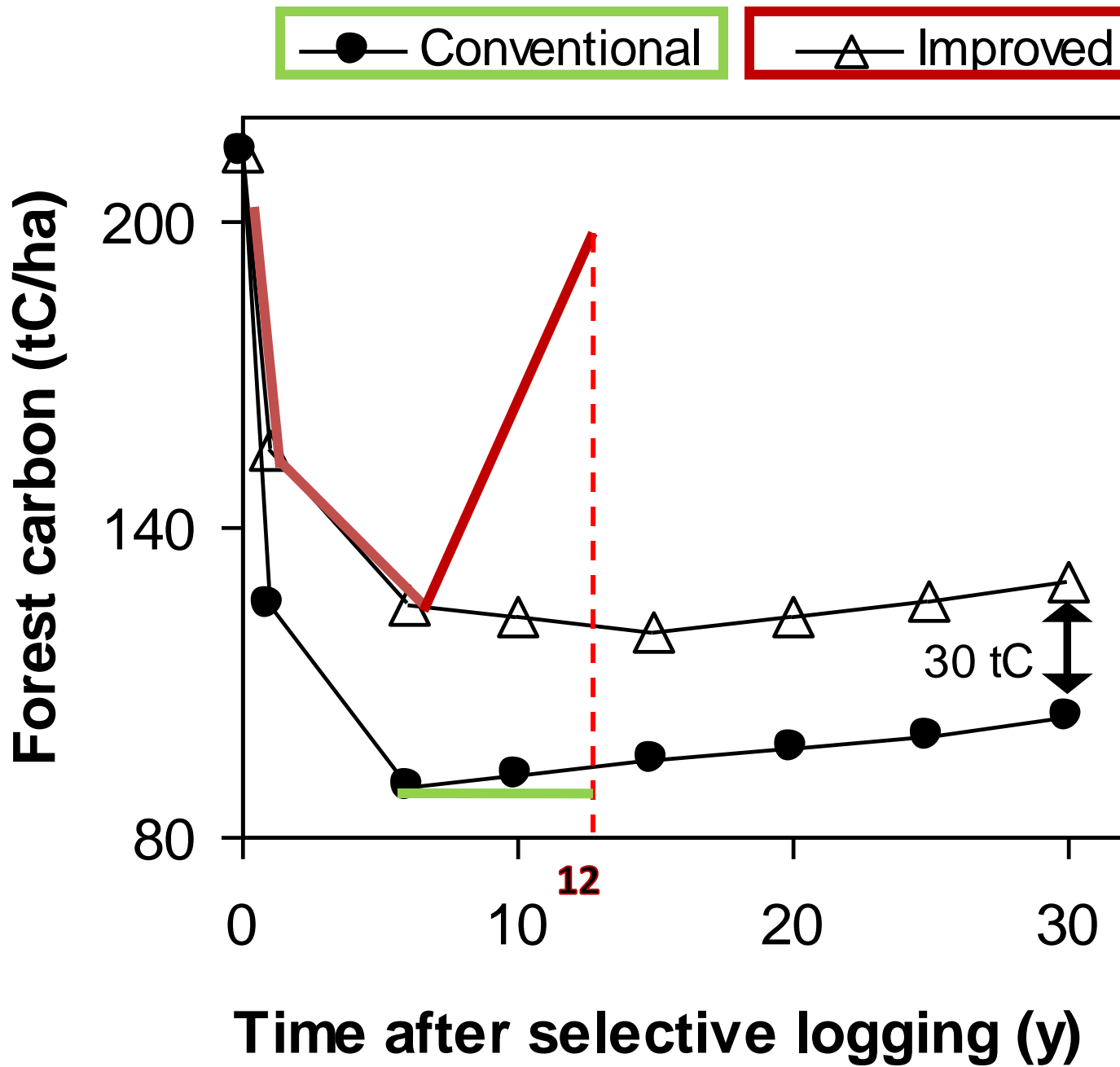
Harvested Trees



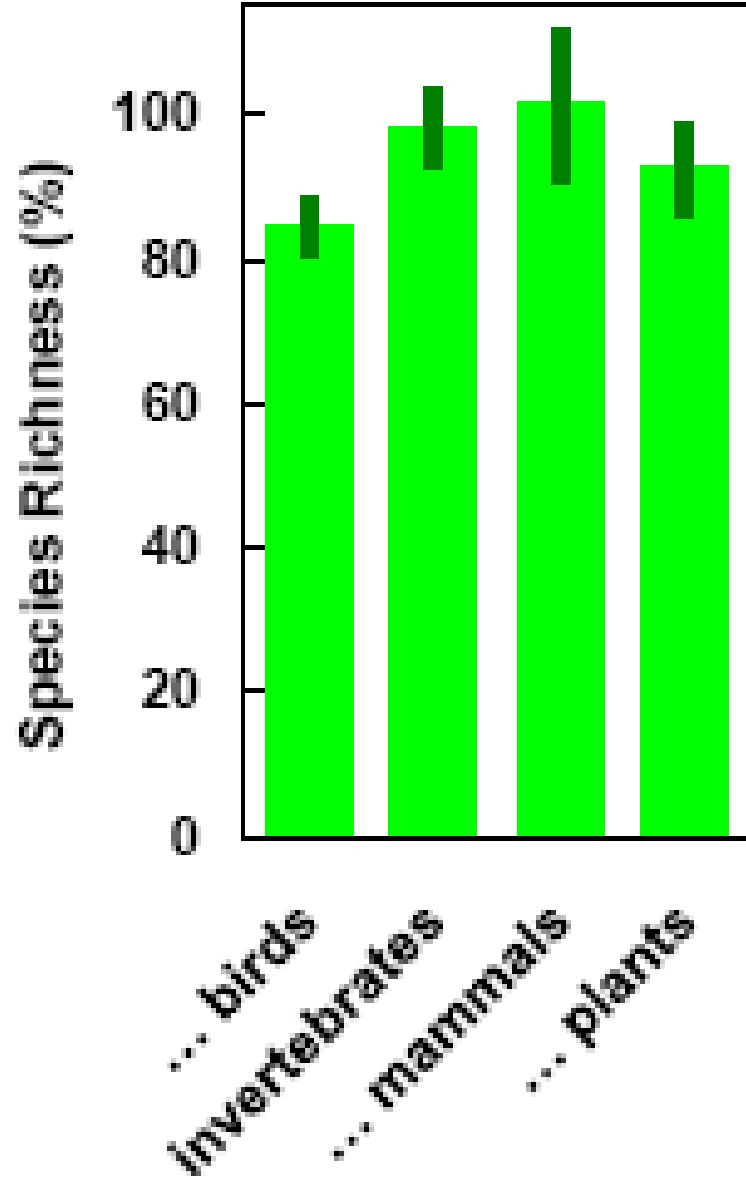
Gap Fraction



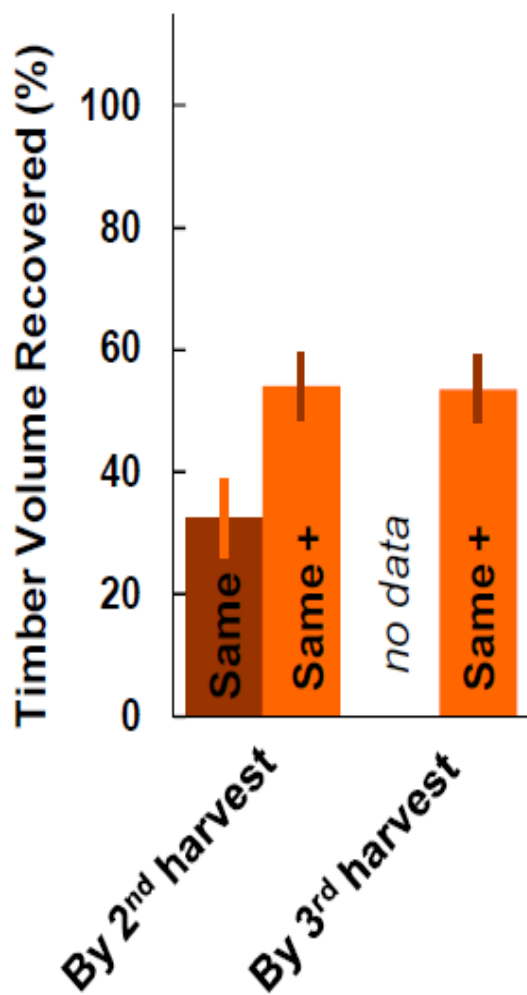




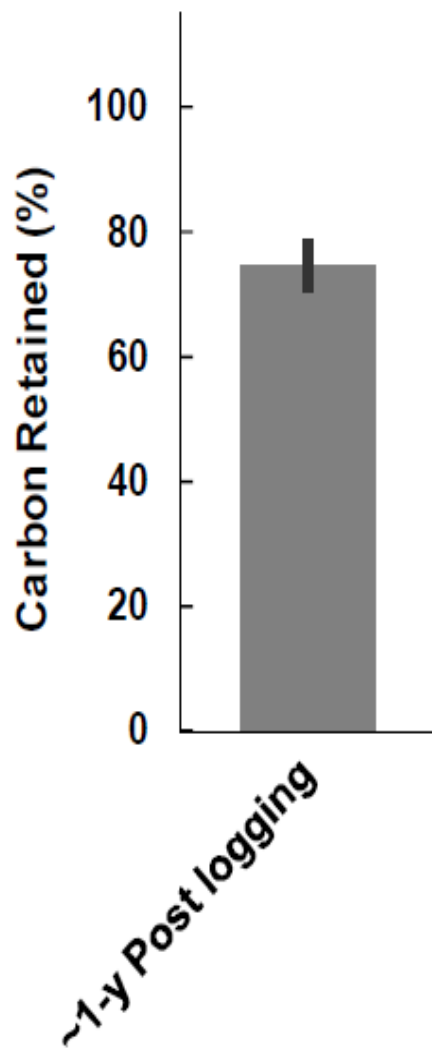




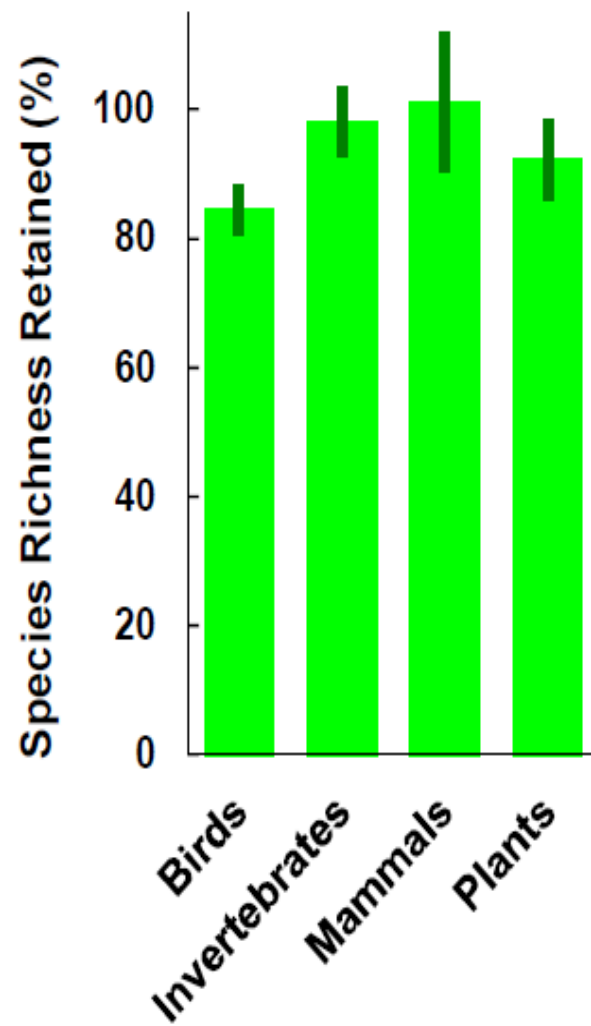
a. Timber



b. Carbon



c. Biodiversity





MESSAGES

Selective logging of tropical forests isn't so bad in terms of:

1. Sustained yields

(if accept a '*Primary Forest Premium*').

2. Carbon retention and recovery.

3. Biodiversity

(at least as species richness).

Synergistic Improvements (timber/carbon/biodiversity)

Lengthening Cutting Cycles

and/or

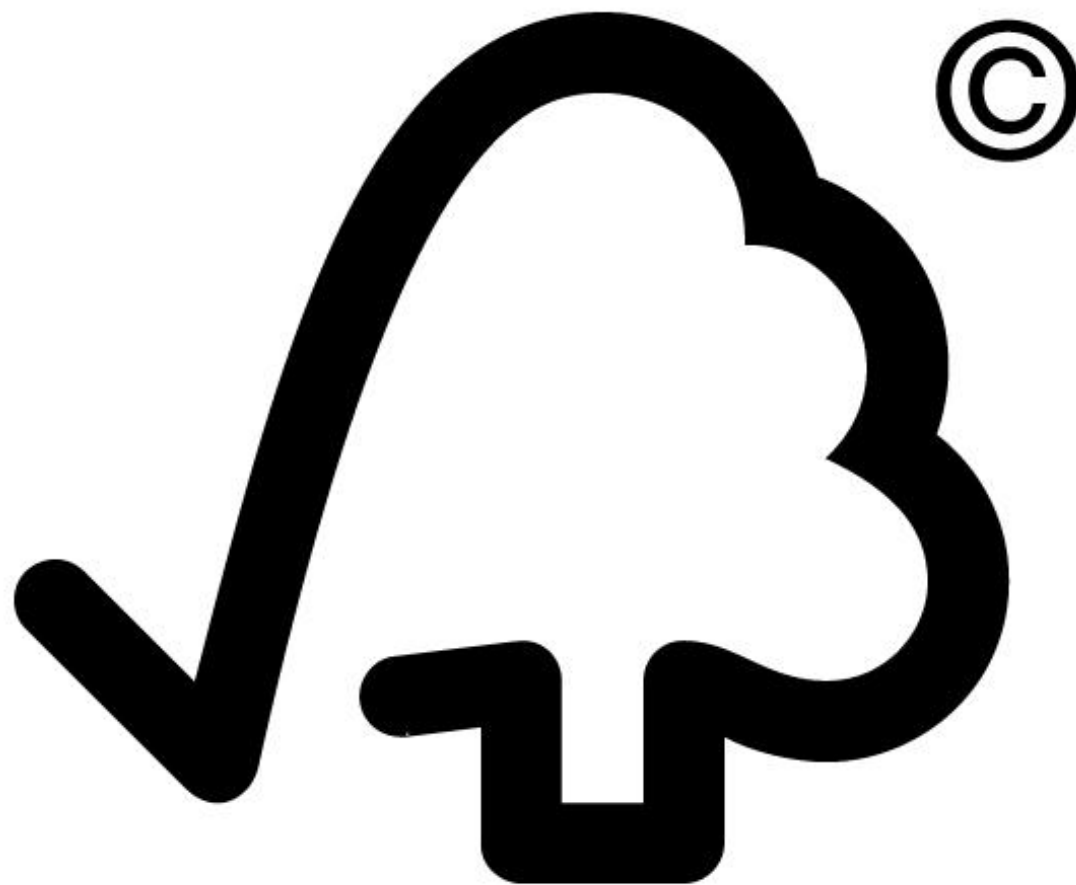
Reducing Harvest Intensity (m^3/ha)

while always

**Employing Reduced-Impact Logging
Practices**

But why are these improvements more likely than ever before?

1. Emphasis on **Legality** (FLEGT & Lacey Act).
2. Forest Product **Certification**.
3. Forest **Carbon** Valuation through REDD+.
4. Increased **Community** Control.



FSC

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