



Terrestrial Sequestration Opportunities



*STEWARDSHIP IN FORESTRY

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*Terrestrial Sequestration Emerging Issues:
Programs, Guidance and Projects*

*Greenhouse Gas (GHG) Registries &
Competing in a Carbon-Constrained World*

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Berkeley, California*



About WESTCARB

- CO₂ Separation and Transport
- Geologic Storage
- Terrestrial Sequestration and Storage

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WEST COAST REGIONAL CARBON SEQUESTRATION PARTNERSHIP



Terrestrial Component – Phase I

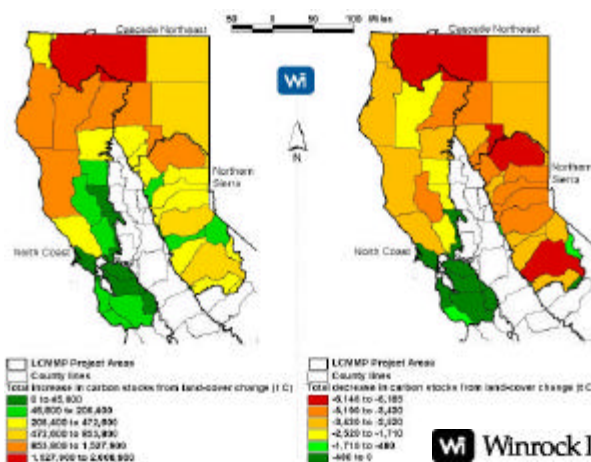
- Status and trends (baselines)
- Opportunities (carbon supply curves)
- Demonstration Projects (pilots)



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Results – Baselines - California



Winrock International



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Results – Supply Curves - California

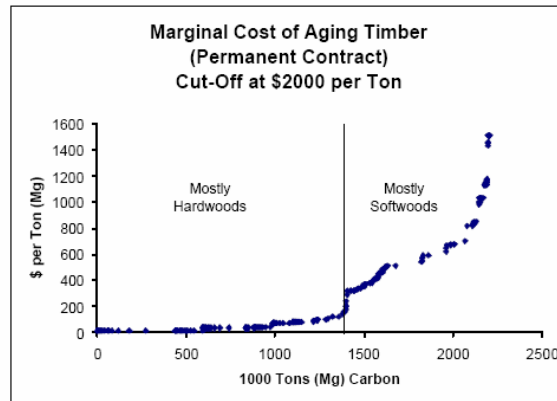


Figure 4: Marginal cost of aging timber with permanent contract on private land only (discounted carbon).

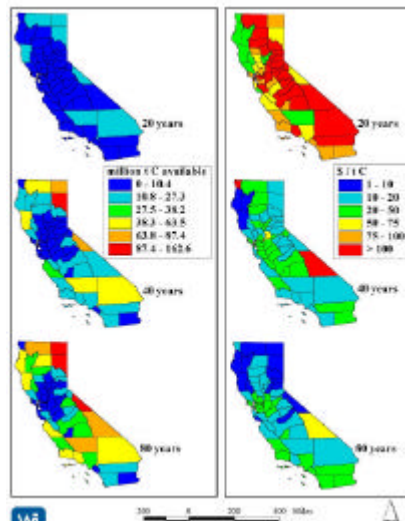
Wi Winrock International



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Results – Land Conversion to Forests



Wi

Wi Winrock International

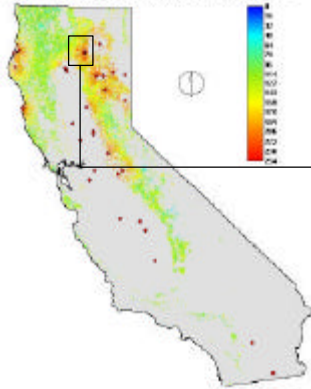


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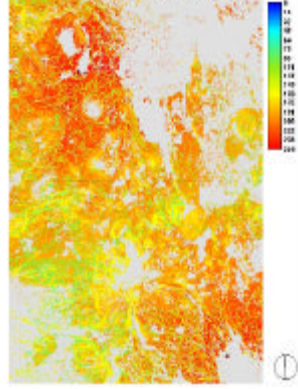


Suitability Scores – Fire Management

Suitability Range for Potential Fuel Reduction



Window detailing SFFR scores



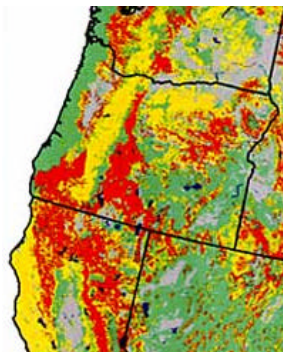
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Regional Opportunity – Fire Management



LEGEND

- Condition Class 1
- Condition Class 2
- Condition Class 3
- Water
- Agriculture & Non -Vegetated Areas

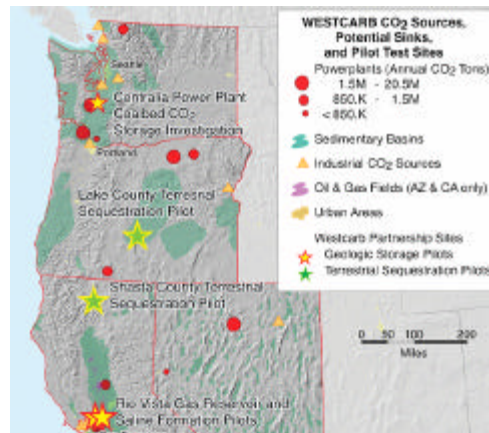
Adapted from: USDA Forest Service, Rocky Mountain Research Station, RMRS-GTR-87, Appendix G (2002)

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Phase II – Demonstrating Carbon Sequestration Technologies



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Integrated Terrestrial Pilots

- Fire Management (CA and OR)
- Land Conversion to Forests
 - Intensive agro-forestry plantations (OR)
 - Native forest cover (CA)
- Forest Conservation (CA)



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