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How Will Climate Change and Bioenergy Harvest Affect Carbon Storage in the Oregon Coast Range

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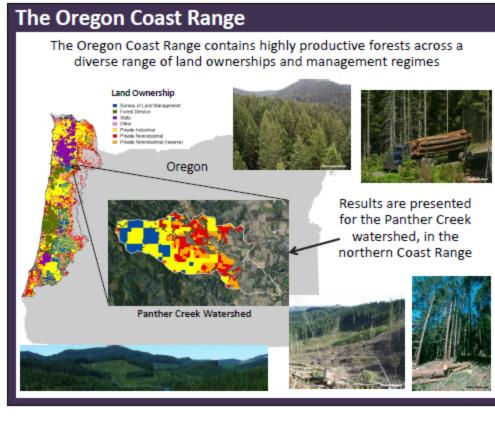
How Will Climate Change and Bioenergy Harvest Affect Carbon Storage in the Oregon Coast Range?

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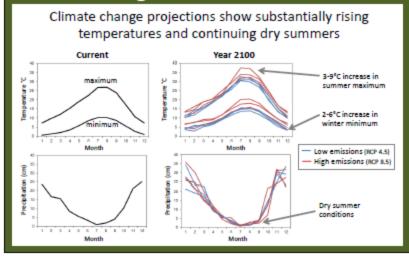




Dynamic Ecosystems & Landscapes Lab



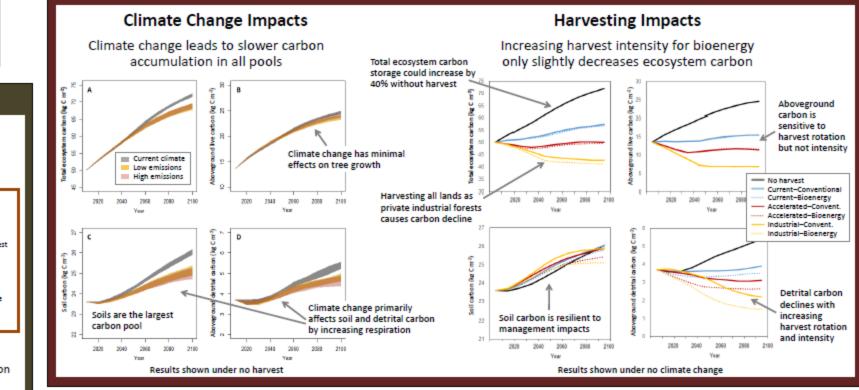
Climate Change



Bioenergy Harvesting

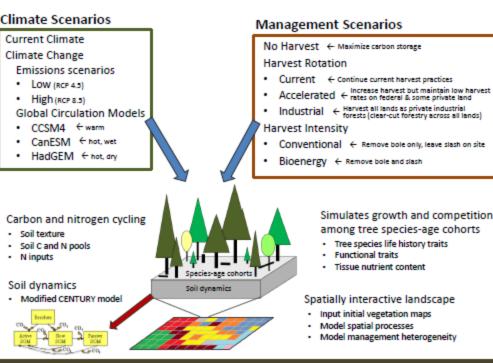


Projected Carbon Storage in the Panther Creek Watershed



LANDIS-II Forest Simulation Model

We used a simulation model to explore the impacts of varying scenarios of climate change and forest management on ecosystem carbon



Continuing Work

Simulate entire Coast Range, including BLM, Forest Service, state, tribal and private lands
Include climate change impacts on wildfire

Simulate a wider range of management scenarios: current management, climate change adaptation, ecological forestry, economic growth, and watershed protection

Acknowledgments

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