



Leveraging State Trust Lands



Acceleration of Improved Forest Management
to increase carbon storage in the U.S.



Project Partners

This project made possible by funding from
the Doris Duke Charitable Foundation through
The Nature Conservancy
Natural Climate Solutions Accelerator Grant

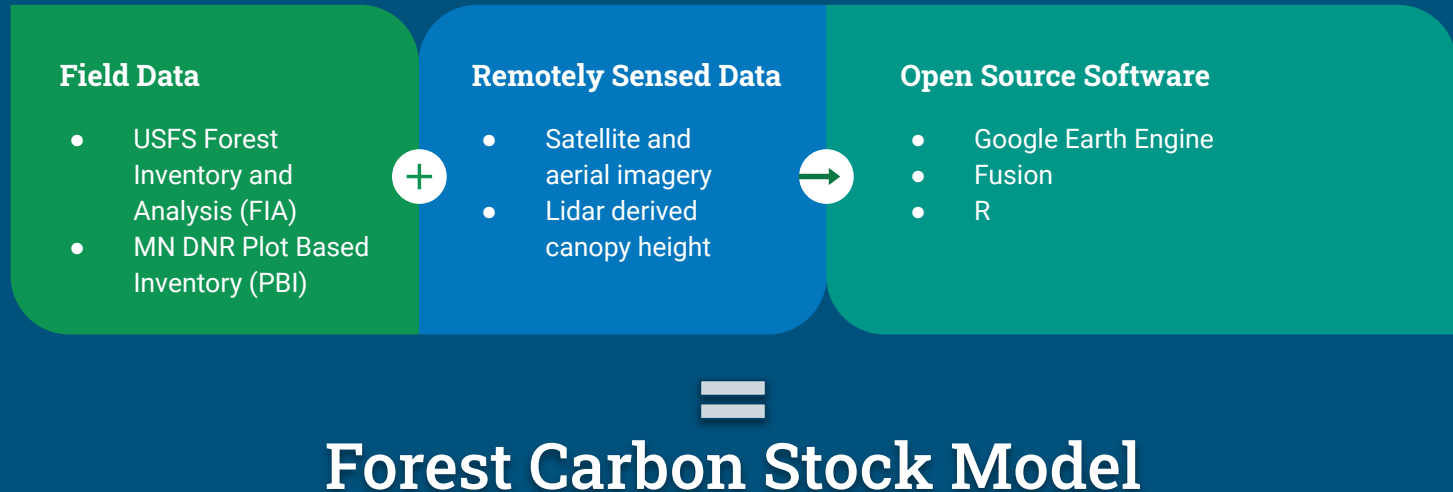


Project Objectives

- Deploy methods across Minnesota School Trust Lands to identify opportunity areas for carbon project development
 - 1.5 million acres total
 - Identify 1-3 projects @ 20,000 acres each
- Conduct national opportunity assessment to determine potential for enhanced carbon storage across additional state trust land acreage
 - 10 million acres total
 - Across 9 states
- Explore other ecosystem market opportunities and identify challenges to execution, including policy barriers

Models developed and methods used

Pilot project to test methods for scaling in the U.S.



Model Options

Gold



Silver



Bronze



Model differences primarily stem from data availability and the temporal nature of the analyses - meant to simulate varying access to data

The Carbon Stock Accumulation model will aid in understanding the carbon stock potential across a landscape and play a key role in prioritization and selection for future site-level forest management designed to enhance carbon storage.



How can NASTL engage?



- Meet with our forest modeling team to determine applicability to your state
- Provide data for our national opportunity assessment exercise
- Collaborate on state-focused fact sheets illustrating scalability
- Build support within your state



Thank You!

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