

SIG/Manomet Forest Carbon Forecaster

A carbon *pro forma* tool to evaluate carbon market opportunities on private and public forestlands.

WHAT DOES THE TOOL DO?

The tool is intended to provide a first estimation of carbon market opportunities and the ability to test alternate scenarios to determine the conditions where carbon market entry may be possible.

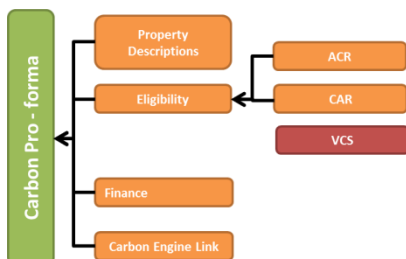
HOW DOES THE TOOL WORK?

A landowner or forest manager is walked through a series of questions about a forest property to determine eligibility, costs, and potential benefits under current carbon standards and protocols (*Climate Action Reserve, American Carbon Registry*).

The components include:

1. Property Description and Composition
2. Carbon Standard Definition & Requirements (Climate Action Reserve, American Carbon Registry)
3. Additionality, Legal Requirements, & Performance Test
4. Carbon Eligibility Worksheet
5. Transaction Costs Worksheet
6. Summary Analytics (pro forma)

The tool resides in a Microsoft Excel spreadsheet (Version 2010).



WHO SHOULD USE THIS TOOL?

Primary users are forestry and natural resource professionals and carbon project developers. Landowners with some knowledge of forest management and carbon markets will also find the tool useful.

WHAT DO YOU NEED TO KNOW TO USE IT?

Basic knowledge of a forest parcel's acreage and forest cover types is necessary. Many default values are provided for transaction costs, but a working knowledge of forest inventory and management costs will help to ground truth the defaults for a particular region. It is also helpful to have some basic understanding of the possible verified carbon reductions that could be generated from the project.

CREDITS

The pro forma tool was developed by Dr. David Saah, Dr. Timothy Robards, and Dr. Thomas Buchholz of the Spatial Informatics Group (www.sig-gis.com) and Dr. John Gunn of the Manomet Center for Conservation Sciences with funding from the US Endowment for Forestry and Communities (in association with the Northern Forest Center and the Northern Forest Investment Zone).

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