

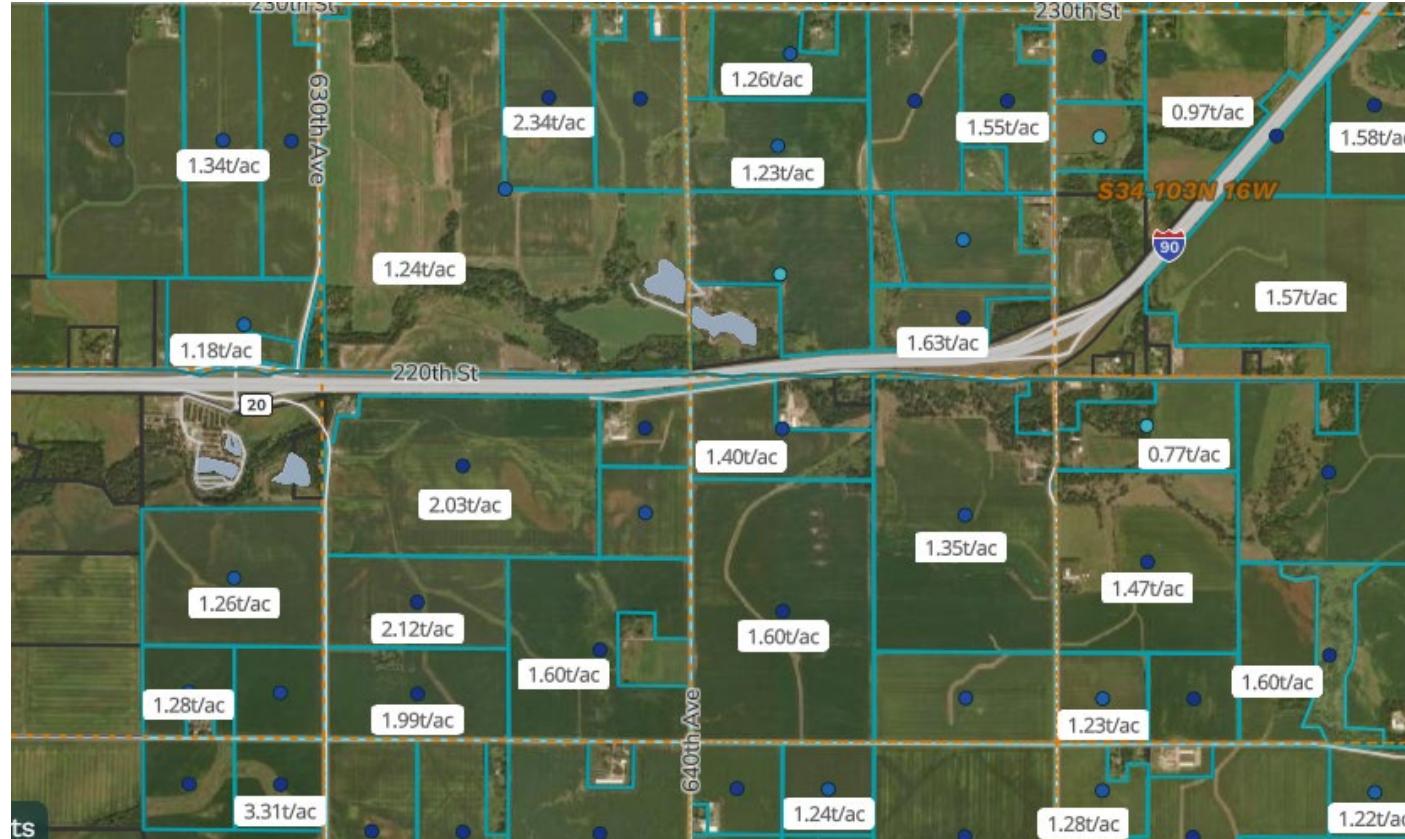
Agricultural Soil Carbon Credits: Making sense of protocols for carbon sequestration and net greenhouse gas removals

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Today's Outline

- Context for our work
- Key findings
- Proposed solution

Rapidly expanding voluntary carbon market



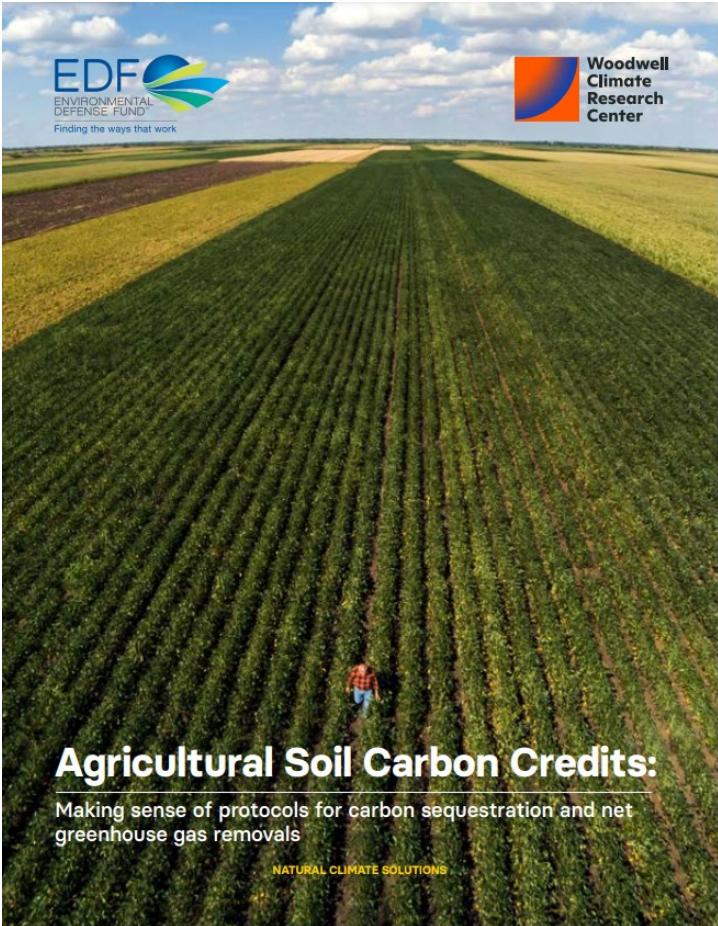
Screen shot of CIBO's map estimating "regenerative potential": <https://www.cibotechnologies.com/cibo-insights/>

We reviewed 12 publicly available MRV protocols



Verified Carbon
Standard





Goals of the report:

How are protocols measuring and estimating SOC sequestration and net GHG reductions?

How are protocols accounting for additionality, reversals, leakage, and permanence

Protocols take different approaches to measuring soil carbon

1. Soil sampling
2. Modeling
3. Soil sampling + modeling
4. Remote sensing

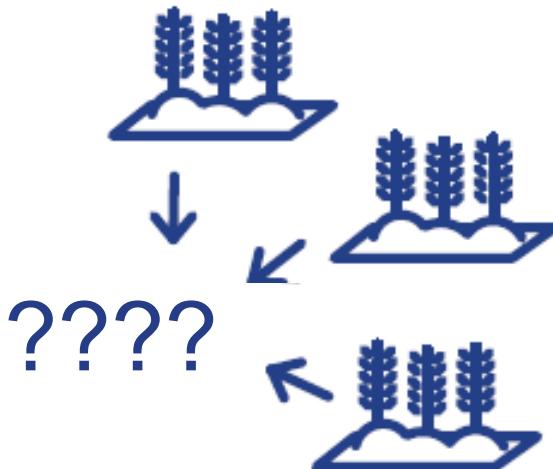


Image credit: Jocelyn Lavallee

Protocols take different approaches to additionality

Example: Protocols take different approaches to early adopters



Image credit: Jocelyn Lavallee

Equivalency of credits?





INSIGHTS

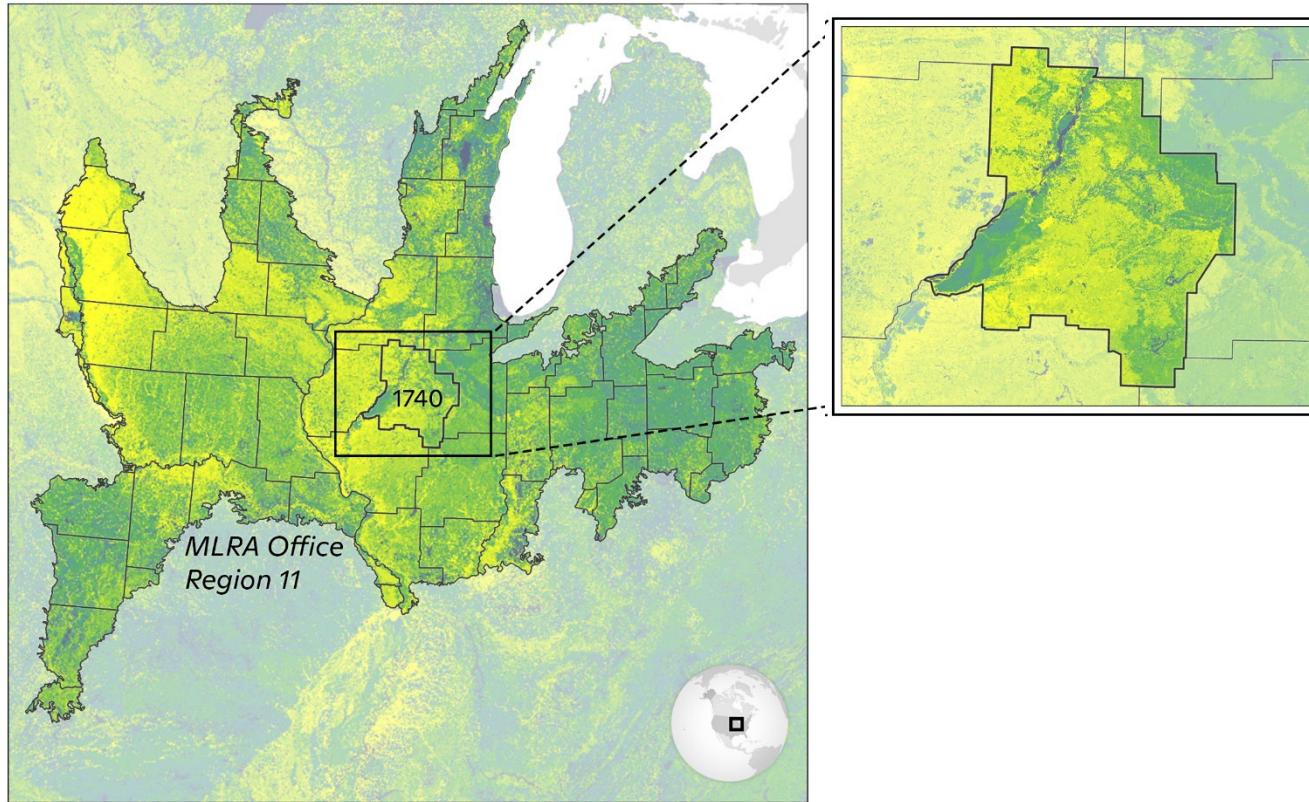
POLICY FORUM

CARBON MARKETS

Crediting agricultural soil carbon sequestration

Regional consistency is necessary for carbon credit integrity

Consistent measurement and standards are essential for realizing high-quality soil carbon credits



Thank you!