



Presenters



Amanda Branson

Director of Operations & Finance,
Northwest Connecticut Land
Conservancy (NCLC)
amanda@ctland.org



Shelley Rose

Agricultural Program Manager,
Northwest Connecticut Land
Conservancy (NCLC)
shelley@ctland.org





Loss of Land, Production, and Ecosystems

Including, but not limited to:

- Erosion
- Flooding
- Drought
- Disease Pressure
- Weed Pressure
- Pest Pressure
- Diminishing Biodiversity

The untimely frost in May 2023 impacted 1,077 acres of crops and \$8.45 million in losses for producers.

Then in July, CT producers were hit with flooding that resulted in estimated losses of more than 1,500 acres and nearly \$21 million in sales revenue.

What is Climate-Smart Agriculture?

Climate-smart agriculture is an approach to managing working land to help adapt agricultural methods to the effects of climate change and, where possible, counteract it by reducing greenhouse gas emissions.

The emphasis is on both sustainable agriculture and improving agricultural productivity.

Activities largely fall into two types:

Mitigation – activities that can result in reduction or removal of greenhouse gas emissions or increase carbon sequestration

Adaptation – activities to reduce risks and vulnerabilities to a changing climate, build resilience, and help to maintain productivity



Climate-Smart Agriculture and Forestry (CSAF) Grant Program

- Connecticut Department of Agriculture (DOAG) received 78 applications for \$55M
- Awarded \$7M to 12 applicants
- 5 Subgrant programs based on the mission of the facilitating organization
- Natural Resources Conservation
 Service (NRCS) <u>Climate-Smart</u>
 <u>Agriculture and Forestry Mitigation</u>

 <u>Activities</u>





NCLC's Building Resiliency Program

- \$750,000 award from the Connecticut Department of Agriculture (DOAG)
- **\$517,500** distributed to farms through assessments and implementation grants
- Supports NCLC's Agricultural Program Manager and other costs of administering the program





Climate-Smart Agricultural Assessment

- Partnering with Berkshire Agricultural Ventures (BAV)
- Includes site visit + climate risk management plan
- Accepting applications on a **rolling basis**
- Currently **9** assessments remaining as of 4/2/24



Implementation Grant

Accepting applications in two rounds per year:

- April 1-May 31
- October 1-November30



How to Apply

ctland.org/climatesmart-grant/

- Complete the application form
- 2. Complete the <u>budget</u> <u>worksheet</u>
- 3. Attach all required and supplemental documentation















Eligibility

- Own or operate working farmland
- Definition of Agriculture, <u>Conn. Gen.</u>
 <u>Stat.</u> § 1-1(q)
- NCLC's service area
 - All of Litchfield County
 - Fairfield County: Sherman, Brookfield, Newtown
- Have not received a climate-smart award from CT Resource Conservation & Development (RC&D), Connecticut Land Conservation Council (CLCC), New CT Farmer Alliance (NCFTA), UConn Extension
- Prioritizing applications from <u>historically underserved producers</u>









Measuring Impacts of Climate-Smart Activities

Environmental Impacts –

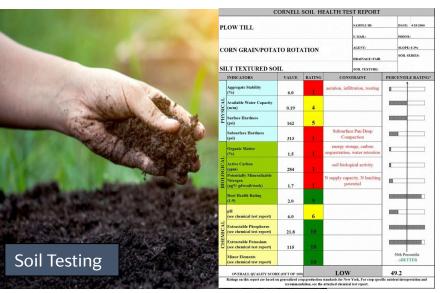
Anticipated, quantifiable outcomes related to climate mitigation and adaptation, and assessed through selected metrics

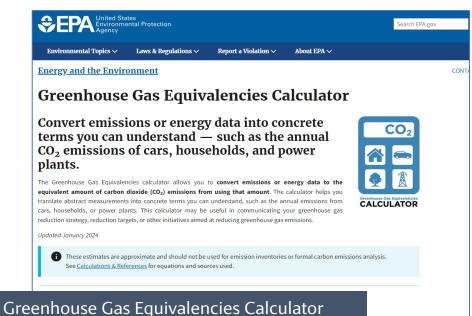
Must identify and report on **at least 2 different types** of metrics through
baseline data and post-implementation
data collection

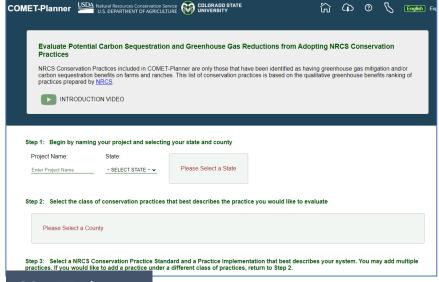
Metrics must be **economically feasible** and **measurable** within the timeframe of the grant



Mitigation Metrics







COMET-Planner



Adaptation & Resiliency Metrics











Eligible Use of Funding

Eligible Expenses	Ineligible Expenses
Materials & supplies	Disposable supplies unrelated to project
Equipment purchases/rentals	Land acquisition/mortgages, cost of borrowing (points and other fees)
Consultants and contract labor	Salaries and wages, tuition reimbursement or career-related/scholarship funds
State/local/federal permits	Expenses related to establishing a new organization/business, legal expenses related to litigation
	Any expense incurred prior to contract execution

Award Information

Maximum award: \$50,000

Minimum award: \$1,000

Prioritized award range: **\$5,000-\$20,000**



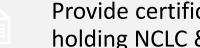
Grant Payment

Typically, awardees will receive up to a **50**% advance of award funds

Remaining funds will be reimbursed upon favorable review of final report







Provide certificate of insurance holding NCLC & DOAG harmless



Obtain all necessary permits



Record baseline and postimplementation data



Describe project updates & reflections



Submit initial & final report



NCLC/DOAG staff site visit

Example Timeline

Activity	Anticipated Completion
Applicant receives award notification	2 months after the round closes
Awardee and NCLC execute contract	Within 2 months of award notification
Awardee submits initial report	Within 3 months of contract signing
NCLC disburses initial funds	Within 1 month of Initial Report submission
Awardee completes project	1-2 years after contract signing
Awardee submits final report	Within 3 months of project completion
NCLC conducts site visit	Within 6 months of project completion
NCLC disburses final funds	Within 1 month of Final Report submission



Kip Kolesinskas

Consulting Conservation Scientist



Review

Team



EXTENSION

Evaluation Criteria

Criteria for initial screening

- Applicant is eligible
- Applicant provides all required and applicable documentation
- Funding request is within minimum and maximum funding range

Criteria for strong applications

- Project falls within at least one climatesmart mitigation practice category
- Project impacts can be measured by multiple metrics from provided or approved metric categories
- Applicant demonstrates the capacity to deliver project requirements
- Project expenses are eligible and justified

