

# USA update to the CRG

<http://www.globalresearchalliance.org/community/alliance-member-countries/member-country-page-usa/>

[Home](#) [About us](#) [Community](#) [Research](#) [News](#) [Login](#)

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

[Home](#) » [Community](#) » [Alliance Member Countries](#) » [Member Country Page USA](#)

## Member Country Page USA

GLOBAL  
RESEARCH  
ALLIANCE  
ON AGRICULTURAL GREENHOUSE GASES



**You've reached the Global Research Alliance website of the United States of America (USA)**

"We are here to send a strong message to the world that we are taking a historical and meaningful step in addressing the most important issue of our time." – *USDA Secretary Tom Vilsack*

View the entire statement from the USDA Secretary on 16 Dec 2009 at: [Release No. 0615.09](#)

# Research Groups

GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

## Cross-cutting Groups

## USA contacts



**Inventory and Measurement**



**Soil Carbon and Nitrogen Cycling**

## Research Groups

Nancy Cavallaro, [ncavallaro@nifa.usda.gov](mailto:ncavallaro@nifa.usda.gov)

### Livestock Research Group

[Mark.Powell@ars.usda.gov](mailto:Mark.Powell@ars.usda.gov)



### Croplands Research Group

[Alan.Franzluebbers@ars.usda.gov](mailto:Alan.Franzluebbers@ars.usda.gov)



### Paddy Rice Research Group

[David.Gealy@ars.usda.gov](mailto:David.Gealy@ars.usda.gov)



### Alliance Council Representative

[Catherine.Woteki@osec.usda.gov](mailto:Catherine.Woteki@osec.usda.gov),

[Luis Tupas, Itupas@nifa.usda.gov](mailto:Luis.Tupas@nifa.usda.gov)

Marlen Eve  
[meve@oce.usda.gov](mailto:meve@oce.usda.gov)



United States Department of Agriculture

Office of the  
Chief Economist

Climate Change  
Program Office

Technical  
Bulletin 1939

July 2014

# Quantifying Greenhouse Gas Fluxes in Agriculture and Forestry: Methods for Entity-Scale Inventory

[http://www.usda.gov/oce/climate\\_change/estimation.htm](http://www.usda.gov/oce/climate_change/estimation.htm)

[Full Document](#)

[Executive Summary](#)

[Chapter 1 - Introduction](#)

[Chapter 2 - Considerations When Estimating Agriculture and Forestry GHG Emissions and Removals](#)

[Chapter 3 - Quantify Greenhouse Gas Sources and Sinks in Cropland and Grazing Land Systems](#)

[Chapter 4 - Quantifying Greenhouse Gas Sources and Sinks in Managed Wetland Systems](#)

[Chapter 5 - Quantifying Greenhouse Gas Sources and Sinks in Animal Production Systems](#)

[Chapter 6 - Quantifying Greenhouse Gas Sources and Sinks in Managed Forest Systems](#)

[Chapter 7 - Quantifying Greenhouse Gas Sources and Sinks from Land-Use Change](#)

[Chapter 8 - Uncertainty Assessment for Quantifying Greenhouse Gas Sources and Sinks](#)

[Fact Sheet](#)

[Press Release](#)

[Blog](#)

# **USDA Agricultural Research Service National Program 212—Soil and Air Action Plan 2016-2020**

*[http://www.ars.usda.gov/SP2UserFiles/Program/212/  
NP212%20Action%20Plan%202016-2020.pdf](http://www.ars.usda.gov/SP2UserFiles/Program/212/NP212%20Action%20Plan%202016-2020.pdf)*

**Involving ARS networks of**

- **CEAP – Conservation Effects Assessment Project**
- **GRACEnet – Greenhouse gas Reduction through Agricultural Carbon Enhancement network**
- **Livestock GRACEnet**
- **REAP – Resilient Economical Agricultural Practices**



# United States Department of Agriculture National Institute of Food and Agriculture

<http://sustainablecorn.org/>

**SUSTAINABLE CORN.ORG**  
CROPS, CLIMATE, CULTURE AND CHANGE

USDA  
United States Department of Agriculture  
National Institute of Food and Agriculture

Home About News Videos Publications Resources Contact

**REACCH**  
Regional Approaches to Climate Change - Pacific Northwest Agriculture

<https://www.reacchpna.org/>

## SUSTAINABLE DAIRY



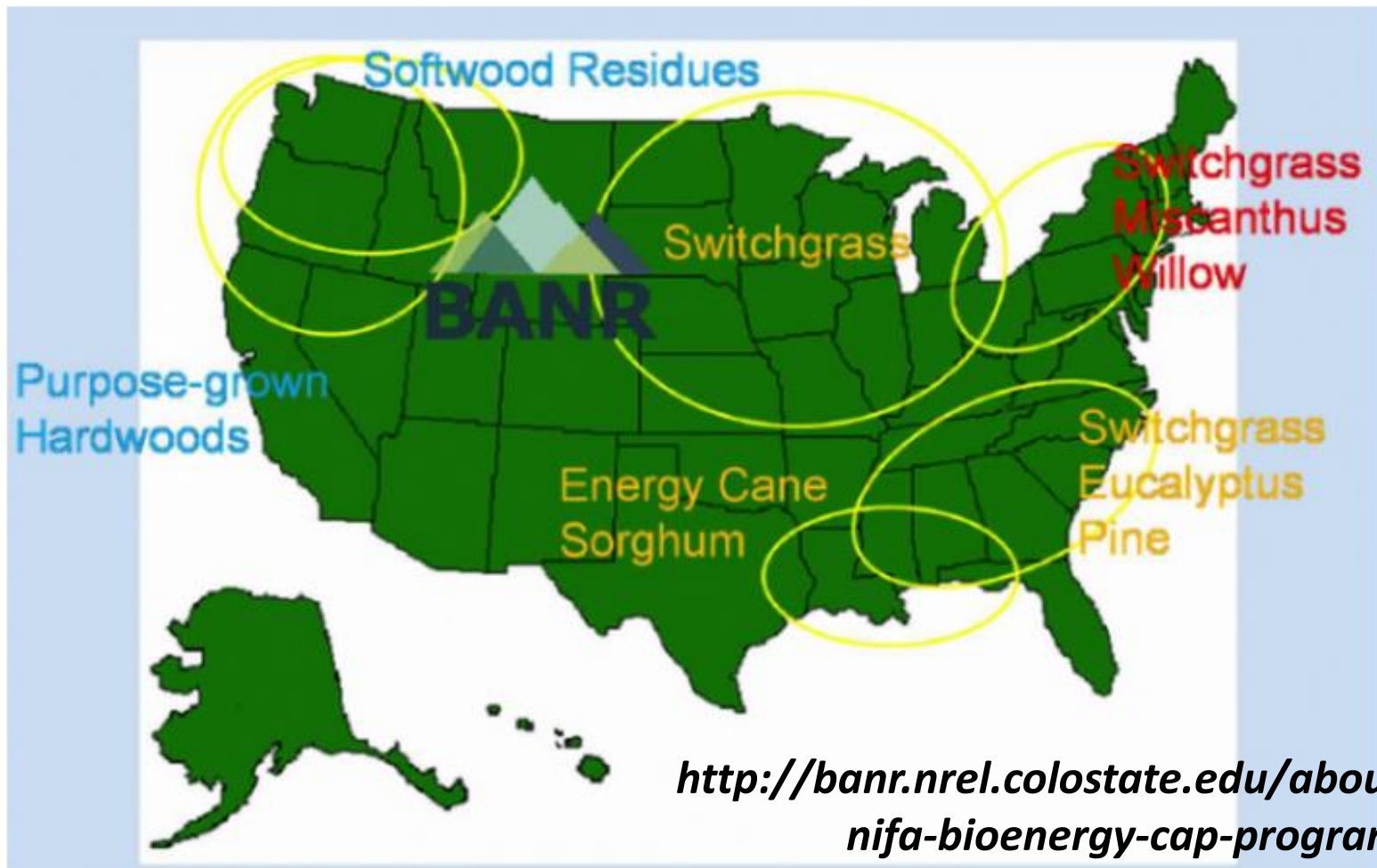
SCIENCE FOR SUSTAINABLE PRODUCTION

<http://www.sustainabledairy.org/>



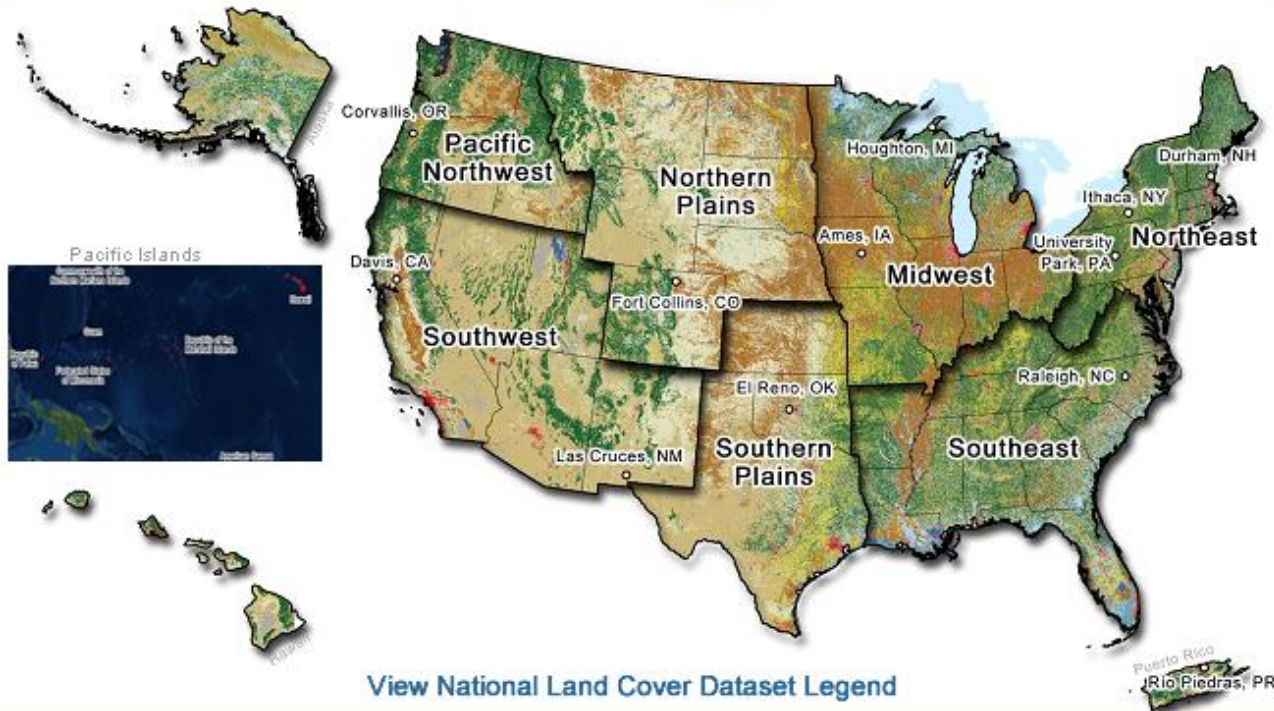
# United States Department of Agriculture National Institute of Food and Agriculture

NIFA bioenergy CAP program



<http://climatehubs.oce.usda.gov/>

### Climate Hub Regions



#### Popular Topics:

- > [Climate Hubs Factsheet](#)
- > [Climate Hubs Mission and Vision](#)
- > [Climate Tools](#)
- > [Drought Tools](#)
- > [Events Calendar](#)
- > [Climate Hubs Update](#)
- > [Partners](#)
- > [Contact Us](#)

Click on the region to learn more about the USDA Climate Hub in your area