



Charting a Course for Climate Research in Agriculture

October 24-25, 2016
Hillman Hall, Washington University, St. Louis, Missouri

This workshop will develop a prioritized set of research targets for US Agriculture that: support achievement of USDA's "building blocks" for climate smart agriculture; integrate existing US Midwest field research networks for climate adaptation; and develop a research agenda to achieve a "carbon-neutral" agri-food system in the US through a focus on soil carbon and soil health, including validation of soil carbon protocols. Join the conversation on Twitter: [#CQuest2016](#)

Monday, October 24, 2016

09:00 Welcome

Dr. Himadri Pakrasi, Myron and Sonya Glassberg/Albert and Blanche Greensfelder Distinguished University Professor and Director, I-CARES

Dr. Barbara Schaal, Dean, Faculty of Arts & Sciences, Washington University and President, American Association for the Advancement of Science

09:15 Opening Address

ILSI Research Foundation, Soil Health Partnership, Foundation for Food and Agriculture Research and Monsanto Company

09:45 Keynote "C-Quest: The Climate Research Challenge for Agriculture"

Dr. Charles W. Rice, Kansas State University

Open to the public

10:30 Break

PLENARY SESSION

10:45 Plenary Session Overview

11:00 USDA's Building Blocks for Climate-Smart Agriculture

Mr. William Hohenstein, US Department of Agriculture

11:20 Integrating US Midwest Field Research Networks for Climate Adaptation

Dr. Nick Goeser, Soil Health Partnership

11:40 Achieving a "Carbon-Neutral" Agri-Food System through Soil Health

Dr. Keith Paustian, Colorado State University

12:00 Lunch

13:00 Parallel Session Overview



MONSANTO



PARALLEL SESSIONS TO ESTABLISH COMMON UNDERSTANDING AND GENERATE NEW RESEARCH IDEAS

13:15 Sessions

Parallel Session I: Soil Health
Parallel Session II: Nitrogen Stewardship
Parallel Session III: Livestock Partnerships
Parallel Session IV: Land Conservation

14:45 Break

15:00 Sessions

Parallel Session V: Grazing and Pasture Lands
Parallel Session VI: Network Field Research
Parallel Session VII: Farmer Adoption of C-Neutral Practices
Parallel Session VIII: C-Neutral Modeling & Verification
Parallel Session IX: Pollinator Health

PLENARY SESSION

16:30 Reports on New Research Ideas

Parallel Session Rapporteurs

17:30 Adjourn

18:00 Dinner at the BHive

4659 Maryland Ave, St. Louis, MO, 63108 - Shuttles will depart at 17:50

Tuesday, October 25, 2016

08:30 Welcome and Speaker Introduction

Foundation for Food & Agriculture Research

08:35 Private Sector Perspective on the Urgency of the Climate Research Challenge for Agriculture

Dr. Bob Reiter, Vice President, Global Supply Chain, Monsanto Company

09:00 "4 per 1000" – Carbon Sequestration in Soils for Food Security and Climate

Dr. Suzanne Lutfalla, Institut National de la Recherche Agronomique (INRA)

09:25 Parallel Session Overview

PARALLEL SESSIONS TO PRIORITIZE NEW RESEARCH IDEAS

09:30 Sessions

Parallel Session I: Soil Health
Parallel Session II: Nitrogen Stewardship
Parallel Session III: Livestock Partnerships
Parallel Session IV: Land Conservation

10:40 Break

10:50 Sessions

Parallel Session V: Grazing and Pasture Lands
Parallel Session VI: Network Field Research
Parallel Session VII: Farmer Adoption of C-Neutral Practices
Parallel Session VIII: C-Neutral Modeling & Verification
Parallel Session IX: Pollinator Health

12:00 Lunch

PLENARY SESSION

13:00 Reports on Research Prioritization

Parallel Session Rapporteurs

14:30 Break

14:45 Group Voting and Discussion

16:30 Adjourn

For more information, visit http://bit.ly/ILSIRF_CQuest2016