



Technical Working Group on Agricultural Greenhouse Gases (T-AGG): Experts Meeting

April 22 & 23, 2010 · Chicago, Illinois

Meeting Objective: To engage experts in the development of research syntheses and assessments of agricultural GHG mitigation for future offsets protocol development.

- For T-AGG advisors and team: 8am-5pm Thursday and Friday.
- For all others: 8am-5pm Thursday, 8am-2pm Friday.

April 22, Thursday- River North Ballroom C & D

Starting at 6:30am Full, cooked-to-order, breakfast included with hotel

8:30 Introductions (Moderator: Lydia Olander)

8:45 Presentation of T-AGG reports to date and plans, C-AGG and M-AGG, Q&A

Lydia Olander and Alison Eagle, Karen Haugen-Kozyra – M-AGG, Eric Holst – C-AGG

9:15 Work Group on Agricultural Carbon Management

Moderated discussion on critical issues for the measurement and monitoring of soil carbon associated with GHG mitigation projects.

Discussion leader: Charles Rice

David Brown, measuring soil carbon, sampling methods and instruments, direct and indirect methods

Alexandra Kravchenko, measuring and modeling spatial variability of soil carbon across different landscapes and scales

Denis Angers, issues of measurement depth and tillage on soil carbon monitoring, tillage and N₂O emissions

Tristram West, regional differences in soil carbon sequestration potential, use of remote sensing to monitor C sequestration, stratification and model calibration

Brian McConkey, measurement versus modeling, quantifying carbon mitigation impacts of biomass removals and life cycle accounting of carbon

David Laird, potential of biochar for carbon sequestration in the US

10:30 Break



10:45 Continue Morning Carbon Management Session

Respondents: Keith Paustian, Rob Janzen, Mac Post

Discussion, led by Charles Rice

12:30 Lunch

1:30 Work Group on Agricultural Nitrogen Management

Moderated discussion on critical issues for the measurement and monitoring of GHG mitigation projects focused on N management.

Discussion leader: *Phil Robertson*

Stephen DelGrosso, interactions between carbon and nitrogen in different management systems, modeling N₂O flux, nitrous oxide emissions from irrigated systems

Neville Millar, N₂O offsets methodology

Ray Desjardins, quantifying and modeling nitrogen emissions from different agricultural sources, measurement versus modeling

Cliff Snyder, the influence of fertilizer management on GHG emissions in different cropping systems

Rod Venterea, how management practices affect the exchange of nitrous oxide between surface and air

Tim Parkin, field scale evaluation of nitrogen, fertilizer management, rainfed production systems

2:45 Break

3:00 Continue Afternoon Nitrogen Session

Respondents: Rob Jackson and Ron Follett

Discussion, led by Phil Robertson

5:00 Break until Dinner

5:30 Embassy Suites Complimentary Manager's Reception (optional)

6:00 Depart for Dinner at Crofton on Wells (see info sheet for directions)

6:30 Sit-Down for Dinner at Crofton on Wells



April 23, Friday- River North Ballroom C & D

Starting at 6:30am Full, cooked-to-order, breakfast included with hotel

Check luggage in at front desk

8:30 IPCC AR4 Overview and Opportunities for Advancement

Daniel Martino

8:45 Presentations and Discussions about International Agricultural Mitigation Opportunities

Presentations and moderated discussion to address opportunities for international agricultural GHG mitigation.

Discussion Leader: Brian Murray

Daniel Martino, Pasture management for carbon and livestock methane

Bill Salas, Rice production and methane

Reiner Wassman, Rice production and methane

Andrew Noble, Soil carbon management in developing country agricultural systems

Theodor Friedrich, Soil carbon management in developing country agricultural systems

10:00 Break

10:15 Discussion about International Agricultural Mitigation Opportunities

Respondents: Neeta Hooda and Cesar Izaurralde

Discussion Leader: Brian Murray

12:00 Working Lunch / Discussion

1:00 Final Discussion on Future Directions

2:00 Full meeting ends

Advisory Board Meeting 2:15 pm – 4:45 pm (T-AGG advisors and team only)