NCERA-180 Site-Specific Management Annual Meeting

January 7 – 9, 2009
Renaissance Portsmouth Hotel and Waterfront Conference Center
Portsmouth, VA

Wednesday January 7, 2009
8:00 a.m. – 5:00 p.m. Tour of the NASA Research Facilities at Langley, VA including the aeronautics research center, space robotics, and climate observation missions, Tour of James River Plantation – Agriculture then and now.

Thursday January 8, 2009
8:00 Registration

8:15 Welcome and Overview – Ronnie Heiniger
“Use of site-specific technologies in addressing water quality, climate change, and conservation of environmental resources” *

8:30 “Nitrogen and Water Quality: A National Perspective”
Dr. Clifford Snyder – International Plant Nutrition Inst.

9:15 “Water Quality Issues on the Chesapeake Bay and the Impacts on Agriculture”
Kristen Hughes – Chesapeake Bay Foundation
Molly Pugh – Director Virginia Grain Producers Association

10:15 Break

10:30 “Using Site-Specific Practices to Improve Water Quality in the Chesapeake Bay”
Dr. Paul Davis – Virginia Tech

11:15 “Measuring the Impact of Site-Specific Management on N Loss to the Groundwater”
Dr. Jeffrey White – North Carolina State University

12:00 Lunch (Included in Registration)
1:15 “Calculating Carbon Budgets Over Landscapes” *
   Dr. David Clay – South Dakota State University

2:00 “Sensor-based Soil Carbon and Nitrogen Mapping: Issues and Implications for Site-Specific Management” *
   Eric Lund – Veris Technologies

2:45 Break

3:00 “Reducing the Carbon Footprint of Agriculture With Precision Guidance”
   Dr. Scott Shearer – University of Kentucky

3:45 “New Precision Conservation Practices to Protect Soil, Water, and Air Resources” *
   Jorge A. Delgado – USDA-ARS, Fort Collins, CO.

4:30 Update on International Conference on Precision Ag – Raj Khosla – Colorado State University

5:30 Adjourn for the Day – Dinner on your own

Friday January 9, 2009

7:30 Registration – Continental Breakfast

8:00 “GreenSeeker Variable Rate N Research in Virginia Wheat and Corn” *
   Wade Thomason – Virginia Tech

8:45 “Cost Share Funding for Precision Technologies”
   Tim Beard – Branch Chief – USDA NRCS

9:30 NCERA-180 Business Meeting
   Administrator’s Report - K.C. Ting – Univ. of Illinois

9:45 Update on plans for 2010 NCERA-180 Meeting – Tim Stombach – Univ. of Kentucky

10:00 Election of 2011 NCERA-180 Vice-Chair
10:10          Break
10:30          Industry Updates
11:30          Future Publication and Book plans – David Clay
12:00          Upcoming plans for Precision Ag sessions at ASSA, CSSA, SSSA, and ASABE
12:30          Adjourn – Lunch on your own