The USDA should convene a working group of university and government scientists and stakeholders to establish minimum standards for protocol on the measurement, monitoring and verification of agricultural GHG emissions reductions and C sequestration.

USDA should establish a national network of on-farm soil measurements for C stocks to complement existing models and experimental data to develop a national inventory and aid in baselines for soil C markets. This should be done in conjunction with the USDA NRCS Natural Resource Inventory.

The Secretary of Agriculture should actively support a minimum of $15 million per year for 5 years in funding for research on greenhouse gas emissions and carbon sequestration in agriculture through a national effort such as CASMGS (Consortium for Agricultural Soils Mitigation of Greenhouse Gases) in the 2007 Farm Bill and ensure coordination among all participating CASMGS institutions and USDA agencies nationwide.

GRACENET should be expanded beyond its 29 sites to better represent the geographic diversity and spatial variability of GHG emissions across the U.S.

GHG subcommittee will select an AAQTF member to participate in the next five year action plan for global change research.