



Exploring integrated solutions from the land for addressing food and energy production, economic development, biological diversity and climate change challenges.



Initiative Title: Adaptive Management to meet Food, Fiber, Energy and Environmental Goals

Sponsoring Entity: Solutions from the Land

Summary of Announcement: Through this initiative, Solutions from the Land will facilitate and support a North American Climate- Smart Agriculture Alliance where farmers, ranchers and foresters can collaborate with industry value chain, academic, government and NGO partners in sharing and discussing new adaptation practices, tools and production systems designed to improve resiliency and mitigate the current and future risks of changing climatic conditions. This new Alliance, which will collaborate and interface with the Global Climate-Smart Agriculture Alliance, provides North American agricultural and forestry leaders with several platforms for shaping an integrated approach for simultaneously pursuing the three pillars of climate-smart agriculture: 1) sustainably increasing agricultural productivity and livelihoods (i.e. sustainable intensification); 2) adapting and building more resilience; and 3) reducing and/or removing greenhouse gas emissions.

Area of Work: Among other activities the members of Alliance will 1) review latest information on what science is telling us about changing climatic conditions and the impact they will have on agriculture and forestry industries; 2) formulate and prioritize recommendations on adaptation needs, priorities and policies to reduce risk and enhance the resilience of agricultural operations; 3) support and comprise farmer/forester leadership teams that will share and discuss real-world adaptation and resiliency strategies with their peers at national, regional and local forums; and 4) be active participants in the Global Climate-Smart Agriculture Alliance.

Geographic Coverage: North America

Time-frame: 2015-2017

Monitoring: Success will be monitored and measured by the number of agricultural and forestry groups and value chain partners that participate in the Alliance and its work program; through government data which tracks productivity, net income and the adoption of climate-smart agricultural practices; the number of participating organizations, states and provinces that develop and adopt adaptive management strategies.

Partners: Farmer and forestry organizations; industry, academic and government leaders; conservation groups and science organizations; and others that support climate smart agriculture.

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Other: "[Agriculture and Forestry in a Changing Climate: The Road Ahead](#)"; "[Agriculture and Forestry in a Changing Climate: Adaptation Recommendations](#)"; Solutions from the Land [Pathways Report](#)