Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Natural Resources Technology Delivery Through the Object Modeling System Framework 2009

Type of Project: Technical Assistance
Project Discipline: Natural
Funding Agency: NRCS
Other Partners/Cooperators: Colorado State University
Effective Dates: 6/29/2009- 9/30/2010
Funding Amount: $75,000

Investigators and Agency Representative:

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Project Abstract: Object Modeling System (OMS) is a computing framework and toolset for developing environmental models from reusable simulation components. It includes methods to manage input and output data and analyze model results. The OMS system includes a web-based collaboration environment to share models and individual model components as well as supporting users in running models remotely in a high performance, scalable runtime environment. NRCS adopted OMS in 2008 to facilitate technology transfer form research to action agency. NRCS maintains interest in keeping OMS current with contemporary computing technologies and leveraging it to support agency technology and business applications.

The purpose of this agreement is for Colorado State University (CSU) to support building and deploying natural resource technology through the Object Modeling Systems (OMS) Framework 2009

Outcomes with completion dates: Quarterly accomplishment reports; Final report due 90 days after end date.

Keywords: Object Modeling System (OMS)**, computing framework, Colorado State University**