**Biofuels Land Use Change Modeling Meeting**

**Oak Ridge National Laboratory**

May 7-8, 2013

**Goals:** To help prepare the BioLUC model for public release, identify high-priority improvements to and applications of the model, articulate linkages to DOE strategic goals, and begin to develop the potential community of model users.

**Participants:**

ORNL: Gbadebo Oladosu, Keith Kline, Virginia Dale, Nagendra Singh

NREL: Danny Inman, Laura Vimmerstedt, Ethan Warner (Brian Bush via teleconference)

NREL Subcontractor: Steve Peterson

DOE: Kristen Johnson (via remote access; please see call-in below)

**Agenda:**

**May 7, 2013**

11:30 Lunch (Aubrey’s)

1:00 – 4:00 Status Overview: This session will be held in discussion format. Designated leads will present materials to start discussion.

*1:00 DOE intro*

Kristen Johnson will plan to call in for initial discussion of DOE objectives and related activities.

*1:15 “Land-use change” overview Keith Kline*

Challenges in communicating about land use change and land use change modeling.

*1:30 LUC modeling needs ‘Debo Oladosu*

Map of analytic needs, model coverage of those needs, and gaps.

*1:50 Overview of BioLUC Daniel Inman*

*2:10 Overview GTAP v. BioLUC ‘Debo Oladosu (with NREL)*

Testing to date. GTAP comparisons.

*2:40 Data Ethan Warner*

*2:50 Model development Steve Peterson*

*3:20 Wrap – up* *Laura Vimmerstedt*

3:45 Break

4:00 – 5:00 Initial results and Hands-on exploration Daniel Inman, Steve Peterson

Ethan, Danny, and Brian will develop a visualization of initial results.

5:30 – 10:00 Group dinner

**May 8, 2013**

8:30 – 10:30 Continue hands-on exploration Daniel Inman, Steve Peterson

10:30 – 12:00 Testing and model improvement next steps Daniel Inman, Laura Vimmerstedt

12:00 – 1:00 Group lunch

1:00 – 2:00 Loose ends Laura Vimmerstedt

Coordination across peer review presentations from ‘Debo, Nagendra, and Danny. Model review plan.

2:00 – 3:00 DOE summary Daniel Inman

With Kristen Johnson via teleconference; discussion of connections with DOE objectives.

3:30 Land-Use Change Modeling Using System Dynamics Daniel Inman

Post-workshop seminar for ORNL group.

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