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Second Meeting of the CSDMS Terrestrial Working Group
February 2-3, 2009
University of Colorado at Boulder
Tentative Agenda

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Goals:

1) Update the Terrestrial Working Group on current status of CSDMS activities
2) Provide basic information on how to use CSDMS tools
3) Discuss and develop recommendations on current state of the art (basic knowledge, existing computer models, knowledge/model gaps), essential components of a first-generation model, and key research needs.
4) Discuss and develop recommendations on modeling issues and potential strategies, including topics such as handling moving boundaries and developing generic data structures for topography, soil, stratigraphy, etc.
5) Discuss and develop recommendations on criteria for proof-of-concept tests and types of tests needed; identify and begin to characterize potential study sites and databases.

Expected Outcome:

1) Participants will become familiar with CSDMS tools and concepts, such as CCA, OpenMI, basic steps in adapting models to the framework, and use of the CSMDS Wiki pages.
2) Meeting report to CSDMS Executive and Steering Committees and other working and focus groups.
3) First steps toward outlining and drafting three potentially publishable white papers (tentatively covering Scoping, Modeling, and Applications, respectively).

Format:

The format will consist of a mix of presentations, demonstrations and hands-on exercises, breakout discussion groups, and writing sessions. Most time will be devoted to breakout-group and whole-group discussions.

Agenda:

Day 1, February 2, 2009

8:15 Light breakfast
8:30 Welcome and Meeting Overview – Greg Tucker
8:35 Welcome and Logistics – Marlene Lofton
8:40 Group Introductions – everyone is asked to take about one minute to introduce him or herself and interests as related to CSDMS
9:00 Overview and Status of CSDMS Activities – James Syvitski, Executive Director of CSDMS

9:45 Overview of CCA and OpenMI – Scott Peckham, CSDMS Senior Software Architect

10:15 Break

10:30 CCA Demos and hands-on examples
11:30 Charge to Working Groups; Confirm/Modify Discussion Topics and Form Groups; Introduction to Pop-ups

12:00 Lunch

1:15 Pop-ups: optional 3-5 minute presentations by participants as the spirit moves them; for example, sharing CSDMS-related activities you are involved in, presenting models you work with, books you've written, modeling ideas, proof-of-concept ideas, etc.
2:00 Breakout Session #1. Tentative groups: Scoping, Modeling, and Applications

3:00 Break

3:15 Breakout Session #2
4:00 Reports from Breakout Groups and group discussion
5:00 Adjourn

6:00 Dinner at participants' expense

Day 2, February 3, 2009

8:15 Light breakfast
8:30 Overview and Plan for the Day – Greg Tucker
8:35 Breakout Session #3

10:15 Break

10:30 Interlude – How to use the CSDMS Wiki pages
11:00 Breakout reports and group discussion

12:00 Lunch

1:15 Writing session
2:30 Re-group and planning follow-on activities

3:00 Adjourn main meeting

3:00-5:00 Optional: time to work one-on-one with CSDMS Integration Facility personnel on issues such as making code CSDMS-compliant, practicing with CCA and/or OpenMI, adding models to the CSDMS repository, working with CSDMS Wiki pages, etc.