

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

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 CSDMS 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.