



[Second Circular](#) – updated 4th August 2010

CSDMS Meeting 2010: Modeling for Environmental Change

San Antonio, Texas – October 14-17, 2010

(Registration Deadline is Aug 15th)

Conference Purpose

The meeting will bring together CSDMS members to present scientific insights in the modeling of surface dynamics and environmental change; new advances in cyber-infrastructure (CSDMS Model-coupling Tool, HPC techniques); development and use of CSDMS models in education (clinics on EKT products); and allow CSDMS Working and Focus Research Groups to strategize on the direction of CSDMS for the next 5 years (i.e., the CSDMS Strategic Plan and Renewal.) Keynote and Clinic topics at the meeting include:

- **State-of-Art Models, Chesapeake Bay.** *Kevin Sellner, Chesapeake Research Consortium, Inc.*
- **Regional Ocean Modeling System (ROMS).** *Hernan Arango, Rutgers*
- **Gulf Oil Spill.** *Robert Weisburg, University of Rhode Island*
- **Progress Implementing the Regional Ocean Modeling System (ROMS) within CSDMS for Application to the Chesapeake Bay.** *Carl Friedrichs, VIMS*
- **From Sediment Routing to Fluid Flow: Turning doodles into digits.** *Dave McGee, ConocoPhillips*
- **State of Art in Carbonate Modeling.** *Peter Burgess, Shell International*
- **Two-way Coupling between Coastline and Fluvial Dynamics.** *Andrew Ashton, WHOI*
- **Terrestrial Surface-dynamics Modeling: Lessons and Capabilities.** *Gregory Tucker, CU-Boulder*
- **CSDMS Support for the Community Hydrologic Modeling Platform (CHyMP).** *Jay Famiglietti, UCI*
- **Framework Modeling.** *Spencer Rugaber, Georgia Institute of Technology*
- **Weather Research & Forecasting Model (WRF) for Surface Dynamics and Environmental Change.** *Gary Clow, USGS*
- **High-Performance Component-Based Scientific Software Development.** *Boyana Norris, ANL*
- **Taking it to the Streets: The Case for Modeling in the Undergraduate Curriculum.** *Karen Campbell, NCED*
- **The Morphodynamics e-book: A Labor of Love that Never Quite Gets Finished.** *Gary Parker, University of Illinois.*
- **HPCC Clinic: Introduction to Parallel Computing.** *Pavan Balaji, ANL*

Conference Schedule

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| Oct 13: | Arrival Day | |
| Oct 14-16: | 8:30-9:00 AM | Welcome & Update (Oct 14); Breakout Group Presentations (Oct 15-16) |
| | 9:00-10:00 AM | Two 30min Keynote talks |
| | 10:15-12:30 PM | Charge & Breakout Groups |
| | 12:30-2:00 PM | Lunch (<i>Participants are on their own for 1 ½ hrs lunch</i>) |
| | 2:00-3:00 PM | Two 30min Keynote talks |
| | 3:00-4:00 PM | Poster Session |
| | 4:00-5:30 PM | CSDMS Talks and Clinics on HPCC & EKT (<i>Participants are on their own for dinner Oct 13-15</i>) |
| Oct 16 evening: | 7:30 PM | All Hands Banquet |
| Oct 17 (half-day): | 9:00-10:00 AM | Two 30min Keynote talks |
| | 10:15-12:30 PM | CSDMS Working Group and Focus Research Group Meetings |
| | 12:30-2:00 PM | CSDMS Meeting 2010 ends (<i>Participants depart</i>) |
| | 2:00-5:00 PM | Joint Meeting of CSDMS Executive Committee and Steering Committee |

Located at the Hyatt Regency, River Walk, the 4-day conference is intended to be enjoyable for your spouse/partner as well. A banquet is scheduled (inform us when you register if your spouse/partner will attend) and there is ample time to enjoy lunch in many nearby restaurants.

Registration, Abstract submission and Travel Support (Deadline is August 15, 2010)

Within its budget, CSDMS intends to support the greatest number of its membership to attend the meeting. For CSDMS financial support, we require your commitment to attend all meeting sessions/days. To register: (http://csdms.colorado.edu/wiki/CSDMS_2010_meeting).