



[Third Circular](#) – updated 16th August 2010

## CSDMS Meeting 2010: Modeling for Environmental Change

San Antonio, Texas – October 14-17, 2010

**(Extended Registration Deadline is Aug 22<sup>nd</sup>)**

### 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 Weisberg, 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

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 **(Extended Deadline is August 22, 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](http://csdms.colorado.edu/wiki/CSDMS_2010_meeting)).