

CSDMS 2011 ANNUAL Meeting Impact of time and process scales

October 28-30th, Boulder Colorado, USA

http://csdms.colorado.edu/wiki/Form:CSDMS_2011_meeting

(Remember to make your arrival/departure plans to/from Denver Airport/Boulder: http://csdms.colorado.edu/wiki/Directions_to_CSDMS)

VENUE UCAR Center Green Campus, CG1 Bldg: (<http://www2.ucar.edu/campus/center-green-campus>)

AGENDA (Drafted October 7, 2011. Please also check online for updates at: http://csdms.colorado.edu/wiki/Form:CSDMS_2011_meeting)

Thursday, Oct. 27th: (Arrivals and hotel check-in)

Friday, Oct. 28th

08:00 Bus pick-up at hotel (<http://www.millenniumhotels.com/millenniumboulder/index.html>)

Chair: Rudy Slingerland (Penn State)

08:30 James Syvitski (Univ Colorado/CSDMS) & Stein Sture (Univ Colorado Vice-Chancellor for Research):
Welcome, CSDMS Overview, update, meeting points

09:30 Eunseo Choi (LDEO, Columbia U): Bridging surface dynamics to tectonic modeling with SNAC

10:00 Michael Pyrcz (Chevron): Applications of Rule-based Models and Geostatistics

10:30 BREAK

Chair: Ramesh Singh (Chapman U)

10:45 Andrew Wickert (U Colorado/CU): Modeling Subsidence – a CMT component

11:00 Robert Anderson (U Colorado/CU): Glacier hydrological modeling

11:30 Marcelo Garcia (UIUC): Morphodynamics & river models

12:00 Cathy Manduca (Carlton College): Quantitative modeling and education

12:30 LUNCH

13:30 **Parallel Clinics**

Scott Peckham (U Colorado/CSDMS): Topoflow (Terrestrial/Hydrology)

Brad Murray (Duke U) & Andrew Ashton (WHOI): CEM (Coastal)

Eric Hutton (CU/CSDMS) & Irina Overeem (CU/CSDMS): Sedflux (Marine)

Rudy Slingerland (Penn State): Deriving Dynamic Earth System Models (Geo-Modeling)

16:00 **Poster Session #1** (with refreshments)

18:00 **End of Day 1** (Bus back to Hotel - dinner on one's own)

Saturday, Oct. 29th

08:00 (Bus pick-up at hotel)

Chair: Balazs Fekete (CCNY/CUNY)

08:30 Sybil Seitzinger (Intl Geosphere-Biosphere Programme/IGBP): GlobalNEWS—C&Nutrient Transport Modeling

09:00 Patricia Wiberg (U of Virginia): Scaling marine sediment transport

09:30 Alberto Canestrelli (Boston U): Tidal channels and estuarine dynamics

10:00 Man Liang (U Minnesota): A Reduced-Complexity Channel-Resolving Model for Sedimentary Delta Formation

10:15 BREAK

Chair: Philip Hill (GSC-NRCan)

10:30 Ad Reniers (Rosenstiel School of Marine and Atmospheric Science; RSMAS): XBeach

11:00 Malcolm Scully (Old Dominion U): ChesROMS

11:30 Catherine Villaret (Électricité de France/EDF): Telemac

12:00 LUNCH

13:00 **Parallel Clinics**

Gregory Tucker (CU/CIRES), Nicole Gasparini (Tulane U) & Stephen Lancaster (Oregon State): CHILD (Terrestrial)

Bert Jagers (Deltares) & Doug Edmonds (Boston College): Delft3D (Coastal)

Peter Burgess (Royal London Holloway Univ. of London): Cyclopath & CarboCAT (Marine)

David Pugmire (Oak Ridge National Laboratory/ORNL) & Hank Childs (Lawrence Berkeley Nat Lab/LBNL?): VisIt (Generic)

16:00 **Poster Session #2** (with refreshments)

17:45 **End of Day 2 –** (Bus back to Hotel)

(Hosted BANQUET this evening)

Saturday, Oct. 29th - continued

Evening Banquet: The Marriott Boulder (by McGuckins)

18:45 (Bus pick-up at Hotel) (Weather permitting it is also a short walk from hotel, if you choose)

19:00 **Banquet**

21:30 (Bus back to Hotel) (Weather permitting it is also a short walk to hotel, if you choose)

Sunday, Oct. 30th

Those departing may arrange early am check-out of the hotel. Bags may be held at hotel for departures at/after 7pm (buses return to hotel around 6:30-7pm). If you are making plans to depart earlier than 7pm, you may keep your bags with you in our UCAR meeting rooms and arrange for your ride to pick you up from UCAR.

08:00 (Bus pick-up at hotel)

Chair: Mary Hill (USGS-NRP)

08:30 Charlie Vörösmarty (CUNY): Global hydrology

09:00 Michael Barton (Arizona State U): GRASS and surface modeling

09:30 Dylan Ward (U New Mexico): Modeling the glacial-interglacial impact of the Pacific trade wind inversion on the geomorphology and hydrology of the Big Island of Hawai'i

10:00 Elchin Jafarov (U Alaska – Fairbanks): Modeling Permafrost – a CMT component

10:15 **BREAK**

Chair: Larry Hinzman (U Alaska- Fairbanks)

10:30 Jonathan Goodall (U South Carolina): Integrated modeling & data access — CUAHSI HIS HydroModeler

11:00 Reed Maxwell (Colorado School of Mines): ParFlow

11:30 Eckart Meiberg (UCSB): DNS modeling & upscaling

12:00 **LUNCH**

13:00 **Parallel Clinics**

David Tarboton (Utah State U): TauDEM (Terrestrial/Hydrology)

Chris Sherwood (USGS): ROMS CSTMS (Marine)

Irina Overeem (CU/CSDMS) & Scott Peckham (CU/CSDMS): CMT clinic (Generic)

Thomas Hauser (Univ Colorado): HPCC clinic (Generic)

16:00 **Working & Focus Research Group Meetings (review Strategic Plans) (refreshments)**

Terrestrial & EKT (Tucker & Overeem)

Hydro & Cyber (Goodall & Meiburg)

Marine & Chesapeake (Wiberg & Friedrichs)

Coastal & Carbonates (Murray & Burgess)

17:45 **End of CSDMS Meeting 2011 (Bus back to Hotel - dinner on one's own)**

Continued Departures

Monday, Oct. 31st (Invitation only) (Meetings held at the Millennium Harvest House Hotel)

08:30 **Meeting of the CSDMS Executive Committee**

10:00 (break)

10:15 **Meeting of the CSDMS Steering Committee**

12:00 (lunch)

Hotel check-out and departure of Executive and Steering Committee members