

**CSDMS Annual Meeting 2016: Capturing Climate Change
May 17-19, 2016**

University of Colorado, Sustainability Energy and Environment Complex, 4001 Discovery Drive, C120
Boulder, Colorado 80309

Tuesday, May 17, 2016

Time	Location	What	Presenter	Topic
8:00AM		Busses depart hotels		
8:15AM	C120 Lobby	Registration & coffee		
9:00AM	C120	Welcome	Pat Wiberg	CSDMS Steering Committee
9:05AM	C120	CSDMS Updates	James Syvitski	CSDMS Updates
9:30AM		Plenary Keynote 1 (Past)	Wonsuck Kim, UTexas	<i>Overcoming Grand Challenges by Collaboration Between Experimentalists and Modelers</i>
10:00AM		Keynote 2 (Past)	Jean Braun, iTECC, U Grenoble	<i>Links Between Mantle Convection, Tectonics, Erosion and Climate: Recent Model Developments and Results</i>
10:30AM	Lobby	Break		
10:45AM	C120	CSMDS 3.0	Greg Tucker	CSDMS 3.0 Introduction and Guiding Instructions
11:00AM		Breakout 1.1	Mixed groups	CSDMS 3.0
		Breakout 1.2	Mixed groups	CSDMS 3.0
		Breakout 1.3	Mixed groups	CSDMS 3.0
		Breakout 1.4	Mixed groups	CSDMS 3.0
		Breakout 1.5	Mixed groups	CSDMS 3.0
12:30PM		Lunch		
1:30PM		Clinic 1.1	Irina Overeem & Mark Piper CSDMS IF,	<i>Using Topoflow in the Classroom</i>
		Clinic 1.2	Ehab Meselhe, Water Institute of the Gulf	<i>Coastal Ecosystem Integrated Compartment Model (ICM): Modeling Framework</i>
		Clinic 1.3	Mary Hill, U Kansas	<i>Modflow: Example applications and what we can learn from this amazingly successful piece of environmental modeling software.</i>
		Clinic 1.4	Scott Peckham, Allen Pope, CU, Boulder	<i>Geoscience Paper of the Future: Training Session on Best Practices for Publishing Your Research Products</i>
3:30PM	Lobby	Break		
3:45PM	C120	Plenary Student Talk 1	Anders Damsgaard	<i>Grain-scale Numerical Modeling of Granular Mechanics and Fluid Dynamics and Application in a Glacial Context</i>
4:00PM	C120	Keynote 3 (Past)	Bette Otto- Blisner	Continental Modeling
4:30PM	Lobby	Poster Session 1		
6:30PM		<i>Busses depart to hotels</i>		

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8:30AM		<i>Busses depart hotels</i>		
9:00AM	C120	Plenary Keynote 4 (Present)	Enrique Curchitser, Rutgers	Multi-scale modeling of Ocean Boundary Currents
9:30AM	C120	Keynote 5 (Present)	Jean-François Lamarque, NCAR	Community Earth System Model
10:00AM	C120	Student Talk 2	Zhen Cheng	<i>A Turbulence-Resolving Eulerian Two-Phase Model for Sediment Transport Applications</i>
10:15AM	C120	Student Talk 3	Jordan Adams	<i>Integrating a 2-D hydrodynamic model into the Landlab modeling framework</i>
10:30AM	Lobby	Break		
10:45AM		Breakout 2.1	Marine WG & Chesapeake FRG	Discussion of group activities
		Breakout 2.2	Coastal WG & Coastal Vulnerability Int.	Discussion on group activities
		Breakout 2.3	Critical Zone FRG	Discussion on group activities
		Breakout 2.4	Geodynamics FRG	Discussion on group activities
		Breakout 2.5	Hydrology FRG	Discussion on group activities
12:30PM		Lunch		
1:30PM		Clinic 2.1	Wonsuck Kim, UTexas	<i>SEN Take only Measurements. Leave only Data.</i>
		Clinic 2.2	CSDMS	<i>BMI Live!</i>
		Clinic 2.3	Courtney Harris & Irina Overeem, CU Boulder	<i>Regional Ocean Modeling System (ROMS): An Introductory Web-Based Model Implementation</i>
		Clinic 2.4	T. Hsu & Z. Zhou, UDelaware, X. Liu, Penn State	<i>Modeling Coastal Processes using Open FOAM</i>
3:30PM	Lobby	Break		
3:45PM	Lobby	Poster Session 2		
5:45PM		<i>Busses depart for hotels</i>		
6:45PM		<i>Busses depart for banquet</i>		
7:00PM		Banquet		
9:00PM		<i>Busses depart to hotels</i>		

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Thursday, May 19, 2016

Time	Location	What	Presenter	Topic
8:30AM		<i>Busses depart</i>		
9:00AM	C120	Plenary Keynote 6 (Present)	Mark Rounsevell, U Edinburgh	Integrative Assessment Modeling
9:30AM	C120	Keynote 7 (Future)	Zach Tessler, CCNY/CUNY	<i>From Relative Sea Level Rise to Coastal Risk: Estimating Contemporary and Future Flood Risk in Deltas</i>
10:00AM	Lobby	Break		
10:15AM		Clinic 3.1	Greg Tucker, CU, Boulder	<i>Modeling Earth-Surface Dynamics with Landlab</i>
		Clinic 3.2	Wei Luo, N Illinois U	<i>WILSIM as EKT Tool</i>
		Clinic 3.3	Monte Lunacek, NREL	<i>Interactive Data Analysis with Python (PANDAS)</i>
		Clinic 3.4	Randy LeVeque, U Washington	<i>GeoClaw Software for Depth Average Flow</i>
12:15PM		Lunch		
1:15PM		Keynote 8 (Future)	Nikki Lovenduski, CU/ATOC	<i>Ocean Carbon Uptake and Acidification: Can We Predict the Future?</i>
1:45PM		Keynote 9 (Future)	Jon Pelletier	<i>Modeling the Impact of Vegetation Changes on Erosion Rates and Landscape Evolution</i>
2:15PM		Keynote 10 (Future)	Don Deangelis	<i>Ecological Applications of Agent Based Models</i>
2:45PM	Lobby	Break		
3:00PM		Breakout 3.1	Terrestrial WG	Discussion on group activities
		Breakout 3.2	Cyber. & Numerics WG	Discussion on group activities
		Breakout 3.3	EKT WG	Discussion on group activities
		Breakout 3.4	Ecosystem Dynamics & Carbonate FRGs	Discussion on group activities
		Breakout 3.5	Human Dimensions FRG	Discussion on group activities
4:30PM	C120	Reports from Groups	Chairs	3 bullet points only – remaining comments by e notes
5:25PM	C120	Final Remarks	James Syvitski	
5:30PM		<i>Busses Depart</i>		

Friday, May 20- Meetings by invitation only

9:00-11:00AM	Location: Sustainability, Energy & Environment Center (SEEC) Room (TBD) 4001 Discovery Dr. Boulder, CO 80309	Joint EC/SC Meeting
1:00PM		Lunch and SC Break Out