

CSDMS Annual Meeting, "Data meet models, models meet data"

May 26-28, 2015

UCAR Events Center, 3080 Center Green Drive Building CG-1

Boulder, Colorado 80301

Tuesday, May 26, 2015

Time	Location	What	Presenter	Topic
8:00AM		Busses depart hotels		
8:15AM	UCAR Lobby	Registration & coffee		
9:00AM	N. Bay	Welcome	Patricia Wiberg	
9:05AM	N. Bay	CSDMS Updates	James Syvitski	
9:30AM	N. Bay	CSDMS Interagency Working Group	Chris Sherwood	CSDMS Interagency Working Group
9:40AM	N. Bay	Plenary Keynote 1	Brian Fath	Quo Vadis Ecosystem? Insights from Ecological Modelling and Systems Ecology
10:10AM	N. Bay	Keynote 2	Raleigh Hood	Modeling Chesapeake Bay
10:40AM	Lobby	Break		
10:55AM	N. Bay	Breakout 1.1	Mixed groups	What do modelers want from the data community? Discussion led by Jon Pollak
	S. Bay	Breakout 1.2	Mixed groups	What do modelers want from the data community? Discussion led by Greg Tucker
	2126	Breakout 1.3	Mixed groups	What do modelers want from the data community? Discussion led by Mark Behn
	2503	Breakout 1.4	Mixed groups	What do modelers want from the data community? Discussion led by Brad Murray
	Lobby	Breakout 1.5	Mixed groups	What do modelers want from the data community? Discussion led by Brian Fath
12:30PM	Lobby	Lunch		
1:30PM	N. Bay	Clinic 1.1	Tom Hsu & Zhen Cheng	Modeling Coastal Sediment Transport Using OpenFOAM®
	S. Bay	Clinic 1.2	Mark Piper & Eric Hutton	WMT and the Dakota iterative systems toolkit
	2126	Clinic 1.3	Phaedra Upton & Sam Roy	Exploring the influence of fault damage and fault slip on the patterns and rates of fluvial incision using CHILD and Matlab
	2503	Clinic 1.4	Gopal Bhatt	Accessing National Data and Distributed Models for Catchment Simulation
3:30PM	Lobby	Break		
3:45PM	N. Bay	Plenary Student Talk 1	Jean-Arthur Olive	Modes of extensional faulting controlled by surface processes
4:00PM	N. Bay	Keynote 3	Ehab Meselhe	Coastal Ecosystem Integrated Compartment Model (ICM)
4:30PM	Lobby	Poster Session 1		
6:30PM		<i>Busses depart to hotels</i>		

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Wednesday, May 27, 2015

Time	Location	What	Presenter	Topic
8:30AM		<i>Busses depart hotels</i>		
9:00AM	N. Bay	Plenary Keynote 4	Kyle Straub	Signals of Relative Sea Level perturbations: Defining the divide between autogenic signal shredding vs. preservation in the stratigraphic record
9:30AM	N. Bay	Keynote 5	Phaedra Upton	Models meet Data, Earth Surface meet Geodynamics
10:00AM	N. Bay	Student Talk 2	Nick Cohn	Towards assessing the coastal zone as an integrated system: the development of a coupled nearshore and aeolian dune model
10:15AM	N. Bay	Student Talk 3	Jennifer Glaubius	Coupled Human and Natural Systems: Testing the Impact of Agricultural Terraces on Landscape Evolution
10:30AM	Lobby	Break		
10:45AM	N. Bay	Breakout 2.1	Marine WG & Chesapeake FRG	Discussion on working group & focus research group activities
	S. Bay	Breakout 2.2	Cyberinformatics & Numerics WG	Discussion on working group activities
	2126	Breakout 2.3	Critical Zone FRG	Discussion on focus research group activities
	2503	Breakout 2.4	Geodynamics FRG	Discussion on focus research group activities
	Lobby	Breakout 2.5	Hydrology FRG	Discussion on focus research group activities
12:30PM		Lunch		
1:30PM	N. Bay	Clinic 2.1	Jon Goodall	Integrated Modeling Concepts
	S. Bay	Clinic 2.2	Brad Murray & Andrew Ashton	Coastline Evolution Model (CEM)
	2126	Clinic 2.3	Eric Hutton & Mark Piper	Wrapping Existing Models with the Basic Modeling Interface
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	Boulder Marriott	Banquet		
9:00PM		<i>Busses depart to hotels</i>		

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Thursday, May 28, 2015

Time	Location	What	Presenter	Topic
8:30AM		<i>Busses depart</i>		
9:00AM	N. Bay	Plenary Keynote 6	Randy LeVeque	The GeoClaw Software
9:30AM	N. Bay	Keynote 7	Stefano Nativi	GEOSS and its Common Infrastructure
10:00AM	Lobby	Break		
10:15AM	N. Bay	Clinic 3.1	Greg Tucker	Landlab: A Python library for building, exploring, and coupling 2D surface-process models
	S. Bay	Clinic 3.2	Irina Overeem	Bringing CSDMS Models into the Classroom
	2126	Clinic 3.3	Jon Pollak & Jon Goodall	Data Access and Publication with the CUAHSI Water Data Center
12:15PM		Lunch		
1:15PM		Keynote 8	Mary Hill	Testing model analysis frameworks
1:45PM		Keynote 9	Forrest Hoffman	Computational Approaches for Model, Experiment, and Data Integration Supporting Site Characterization and Model Evaluation
2:15PM		Keynote 10	Alejandro Flores	Modeling the Critical Zone: Challenges and opportunities for network science
2:45PM	Lobby	Break		
3:00PM	N. Bay	Breakout 3.1	Terrestrial WG	Discussion on working group activities
	S. Bay	Breakout 3.2	Coastal WG	Discussion on working group activities
	2126	Breakout 3.3	EKT WG	Discussion on working group activities
	2503	Breakout 3.4	Ecosystem Dynamics & Carbonate FRGs	Discussion on focus research group activities
	Lobby	Breakout 3.5	Anthropocene FRG	Discussion on focus research group activities
4:30PM	N. Bay	Reports from Working Groups & Focus Research Groups	Chairs	
5:25PM	N. Bay	Final Remarks	James Syvitski	
5:30PM		<i>Busses Depart</i>		

Friday, May 29- Meetings by invitation only

9:00-11:00AM	Location: MacAllister/the Sustainability, Energy, & Environment Center (SEEC) Room C326 at 4001 Discovery Dr. Boulder, CO 80309	Executive Committee Meeting
11:00AM-1:00PM		Steering Committee Meeting
1:00PM		Lunch & Conclusion