CSDMS

community surface
dynamics modeling system

CSDMS 2020 Virtual Annual Meeting: "*CSDMS 2020 – Linking Ecosphere and Geosphere*"
May 20-21, 2020

Wednesday, May 20, 2020 (all times are in Mountain Daylight Time)

Time	What	Presenter	Topic
9:00AM MDT	Welcome	Brad Murray, Duke U	Welcome
9:05 AM MDT	CSDMS	Greg Tucker, CSDMS, CU, Boulder	CSDMS 3.0 Updates
9:30 AM MDT	**Plenary** Keynote	Pam Sullivan, Oregon State University	*Are Rate Changes in Biotic Processes Altering Subsurface Hydrologic Partitioning in the Anthropocene?*
9:50AM MDT	**Plenary** Keynote	Michael Dietze, Boston University	*21st Century Science for 21st Century Environmental Decision Making: The Challenges and Opportunities of Near-Term Iterative Environmental Forecasting*
10:10AM MDT	**Plenary** Keynote	Nathan Lyons, Tulane University	*Life in Landscape Evolution Models: Investigations of Climate and Tectonics as Drivers of Biological Evolution*
10:30AM MDT	**Plenary** Keynote	Ian Reeves, University of North Carolina, Chapel Hill	*Impacts of Seagrass Dynamics on the coupled Long-Term Evolution of Barrier-Marsh-Bay Systems*
10:50AM MDT	**Plenary** Keynote	Robert Ulanowicz, University of Florida	*Process Ecology: A Step Beyond Physics*
11:10AM MDT	*Break*		
1:00PM MDT	Clinic 1.1	John Swartz/Paola Passalacqua, University of Texas, Austin	*Exploring Surface Processes and Landscape Connectivity through High-resolution Topography: Integration of High Resolution Data in Numerical Modeling*
	Clinic 1.2	Dan Buscombe, Marda Science	*Landcover and Landform Classification using Deep Neural Networks Part 1 of 2*
	Clinic 1.3	CSDMS Integration Facility	*Exploring Surface Processes using CSDMS Tools: How to Build Coupled Models, Part 1 of 2*
	Clinic 1.4	Caner Kazanci/Stuart Whipple, University of Georgia	*Ecological Network Analysis/EcoNet*
3:00PM MDT	*Break for the day*		

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Time	What	Presenter	Topic
9:00AM MDT	Welcome	Greg Tucker, CSDMS, CU, Boulder	Welcome
9:10 AM MDT	**Plenary** Keynote	Suzanne Pierce, University of Texas, Austin	*Model Integration through Knowledge-Rich Data and Process Composition (MINT)*
9:30AM MDT	**Plenary** Keynote	Gordon Bonan, University Corporation for Atmospheric Research	*Reinventing Nature: Environmental Stewardship in the Age of Earth System Models*
9:50AM MDT	**Plenary** Keynote	Erkan Istanbulluoglu, University of Washington	*Ecosystem Processes and Landscape Evolution*
10:10AM MDT	**Plenary** Keynote	Muriel Bruckner, Utrecht University	*Modelling the effects of dynamic saltmarsh and microphytobenthos growth on the large-scale morphology of estuaries*
10:30AM MDT	*Break*		
1:00PM MDT	Clinic 2.1	Kim De Mutsert, George Mason University	*Introduction to Ecopath with Ecosim*
	Clinic 2.2	Dan Buscombe, Marda Science	*Landcover and Landform Classification using Deep Neural Networks Part 2 of 2*
	Clinic 2.3	CSDMS Integration Facility	*Exploring Surface Processes using CSDMS Tools: How to Build Coupled Models, Part 2 of 2*
3:00PM MDT	*Break for the day*		

Friday, May 22- Meetings by invitation only (all times are in Mountain Daylight Time)

9:00-11:00AM MDT	Location: Via Zoom Link	Executive Committee Meeting
11:15AM - 1PM MDT	Location: Via Zoom Link	Steering Committee Meeting

Friday, May 22, 2020
GeoCLAW Hackathon, time TBD (open to all but registration required)