

CSDMS 2020 Annual Meeting: CSDMS 2020 – Linking Ecosphere and Geosphere

May 19-21, 2020

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

*****Pre-conference Monday, May 18 (all day)**

CSDMS Software Carpentry Workshop, 9:00AM, SEEC S225 (Mark Piper) Breakfast will be served starting at 8:30AM

Tuesday, May 19, 2020

Time	Location	What	Presenter	Topic
8:00 & 8:30AM		<i>Bus departs to SEEC Venue</i>		
8:15AM	Lobby	Registration & Breakfast		
9:00AM	C120	Welcome	Brad Murray, Duke U	Welcome
9:05 AM	C120	CSDMS	Greg Tucker, CSDMS, CU, Boulder	CSDMS 3.0 Updates
9:30 AM	C120	Plenary Keynote	Robert Ulanowicz, University of Florida	<i>Process Ecology: A Step Beyond Physics</i>
10:00AM	C120	Plenary Keynote	Alejandra Ortiz, Colby College	<i>Atolls and Ecogeomorphology: Investigating the Feedbacks Between Physical Processes, Anthropogenic, Ecological and Changing Climate</i>
10:30AM	C120	Plenary Keynote	Pam Sullivan, Oregon State U	<i>Are Rate Changes in Biotic Processes Altering Subsurface Hydrologic Partitioning in the Anthropocene?</i>
11:00AM	Lobby	Break		
11:15AM	TBD	Breakout 1.1	<i>Additional Details on Breakouts will be available soon.</i>	
	TBD	Breakout 1.2		
	TBD	Breakout 1.3		
	TBD	Breakout 1.4		
	TBD	Breakout 1.5		
12:30PM		Lunch		
1:30PM	TBD	Clinic 1.1	John Swartz/Paola Passalacqua, University of Texas	<i>Exploring Surface Processes and Landscape Connectivity through High-resolution Topography: Integration of High Resolution Data in Numerical Modeling</i>
	TBD	Clinic 1.2	Kim De Mutsert, George Mason U	<i>Introduction to Ecopath with Ecosim</i>
	TBD	Clinic 1.3	Anne Gold, CU, Boulder	<i>Building and Maintaining a Diverse and Inclusive Research Team</i>
	TBD	Clinic 1.4	Eric Hutton/Mark Piper, CSDMS IF	<i>Hands-on with the CSDMS Python Modeling Tool</i>
3:30PM	Lobby	Break		
3:45PM	C120	Plenary Panel Discussion	Brandon Jones	<i>Challenges and Strategies for Increasing Diversity and Inclusion</i>
4:30PM	C120	Poster Session 1		
6:30PM		<i>Bus departs to hotel</i>		

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Wednesday, May 20, 2020

Time	Location	What	Presenter	Topic
8:00 AM		<i>Bus departs to SEEC Venue</i>		
8:30AM	C120	Plenary Keynote	Michael Dietze, Boston University	<i>21st Century Science for 21st Century Environmental Decision Making: The Challenges and Opportunities of Near-Term Iterative Environmental Forecasting</i>
9:00AM	C120	Plenary Student Talk	TBD	
9:15AM	C120	Plenary Keynote	Nathan Lyons, Tulane University	<i>Modeling Species Lineages Alongside Landscape Evolution</i>
9:45AM		Plenary Student Talk	TBD	
10:00AM	Lobby	Break		
10:15AM	TBD	Breakout 2.1		
	TBD	Breakout 2.2		
	TBD	Breakout 2.3		
	TBD	Breakout 2.4		
	TBD	Breakout 2.5		
12:15PM		Lunch		
1:15PM	TBD	Clinic 2.1	Daniel Buscombe, Northern Arizona U	<i>Landcover and Landform Classification using Deep Neural Networks Part 1 of 2</i>
	TBD	Clinic 2.2	Chris Vernon, Pacific Northwest National Laboratory	<i>GCAM and Demeter: A Global, Integrated Human-Earth Systems Perspective to Modeling Land Projections</i>
	TBD	Clinic 2.3	Bernard Patten, U Georgia	<i>Ecological Network Analysis</i>
	TBD	Clinic 2.4	Nicole Gasparini, Tulane U	<i>Modeling the Ecosphere using Landlab</i>
	TBD	Clinic 2.5	Michael Koontz, CU, Boulder	<i>Intro to Google Earth Engine: the Planetary-scale GIS for Everyone</i>
3:15PM	Lobby	Break		
3:30PM	C120	Poster Session 2		
5:30PM		<i>Bus departs to hotel</i>		
7:00PM		Awards Banquet	Embassy Suites Hotel	
9:00PM		<i>return to hotel</i>		

Awards Banquet (May 20) – 7PM at Embassy Suites Hotel, 2601 Canyon Blvd, Boulder (across the street in front of the Marriott)

- 1) Syvitski Student Modeler Award Announcement**
- 2) Poster Award – TBD by attendee votes**
- 3) Lifetime Achievement Award**

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Thursday, May 21, 2020

Time	Location	What	Presenter	Topic
8:00 & 8:30AM		<i>Bus depart to SEEC Venue</i>		
9:00AM	C120	Plenary Keynote	Suzanne Pierce, U Texas, Austin	<i>Model Integration through Knowledge-Rich Data and Process Composition (MINT)</i>
9:30AM	C120	Plenary Keynote	Gordon Bonan	<i>Reinventing Nature: Environmental Stewardship in the Age of Earth System Models</i>
10:00AM	C120	Plenary Student Talk 3	TBD	
10:15AM	Lobby	Break		
10:30AM	TBD	Clinic 3.1	Daniel Buscombe, Northern Arizona U	<i>Landcover and Landform Classification using Deep Neural Networks Part 2 of 2</i>
	TBD	Clinic 3.2	Rich McDonald, USGS & Mark Piper, CSDMS IF	<i>An Introduction to Hydraulic Modeling with the Python Modeling Toolkit</i>
	TBD	Clinic 3.3	Todd Swannack, US Army Corps of Engineers	<i>Accelerating Multidisciplinary Environmental Research to Application with Mediated Modeling</i>
	TBD	Clinic 3.4	Julia Moriarty, CU, Boulder	<i>Introduction to Cloud Computing for Geoscientists</i>
12:30PM		Lunch		
1:30PM	C120	Plenary Keynote	Erkan Istanbuluoglu, University of Washington	<i>Ecosystem Processes and Landscape Evolution</i>
2:00PM	C120	Plenary Keynote	Katja Fennel, Dalhousie University	<i>Coupled physical/biogeochemical modeling - Title and Abstract TBD</i>
2:30PM	Lobby	Break		
2:45PM	TBD	Breakout 3.1		
	TBD	Breakout 3.2		
	TBD	Breakout 3.3		
	TBD	Breakout 3.4		
	TBD	Breakout 3.5		
4:00PM	C120	Plenary Panel Discussion	TBD	<i>Eco-Geo Interdisciplinary Opportunities</i>
4:45PM	C120	Final Remarks	Greg Tucker	<i>See you next year!</i>
5:00PM		<i>Bus departs to hotel</i>		

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*****Post-conference Friday, May 22 (all day)**

GeoClaw Workshop, 9:00AM, SEEC S225 (Randy LeVeque) Breakfast will be served starting at 8:30AM

Friday, May 22- Meetings by invitation only

8:30-11:00AM	Location: Sustainability, Energy & Environment Center (SEEC) Room N136 4001 Discovery Dr. Boulder, CO 80309 Executive Committee S228	Executive Committee Meeting
11:00AM		Lunch is available for Executive and Steering Committees
11:00AM – 1:00PM		Steering Committee Meeting