

CSDMS 2026 Annual Meeting - “CSDMS 2026: Modeling Landscapes in Motion” May 19-21, 2026
University of Minnesota, Minneapolis, John T. Tate Hall, 116 Church St. SE, Minneapolis, MN 55455
******All times provided in Central Daylight Time**

Tuesday, May 19, 2026

Time	Session	Presenter	Topic
9:00AM	Welcome and Introduction (Tate Hall)	Andy Wickert, UMinn, Moderator Paola Passalacqua, U Texas, Austin	Thematic Introduction
9:05AM	Community Updates	Greg Tucker, CSDMS Exec. Director	State of CSDMS
9:20 AM	Plenary Keynote (Tate Hall)	Brian Yanites, Indiana University, Bloomington	<i>The Lasting Imprint of Sediment Pulses: Linking River Hazards and Landscape Evolution</i>
9:40 AM	Plenary Keynote	Angel Monsalve, University of Idaho	<i>New Landlab Components for Modeling River Hydraulics and Morphodynamics: Applications to Event-Scale Sediment Transport</i>
10:00 AM	Plenary Keynote	Chrystal Ng, University of Minnesota	<i>Integrated Hydrological Modeling with Indigenous Community Partners</i>
10:20 AM	Plenary Student Keynote	Student Modeler Winner - TBD	<i>TBD</i>
10:35 AM	Break		
11:00AM - 12:30PM	Breakout #1 (Tate Hall)	TBD	<i>TBD</i>
12:30PM - 1:30PM	Lunch		
1:30PM - 3:30PM	Clinic 1.1 (Rm TBD)	Jin-Si Over, USGS	<i>Introduction to Structure-from-Motion Photogrammetry for Mapping Landscapes</i>
	Clinic 1.2 (Rm TBD)	David Vetsch, ETH, Zurich	<i>River Morphodynamic Modeling Across Scales using BASEMENT Software</i>
	Clinic 1.3 (Rm TBD)	Mohamed Fathi Said, Florida Gulf Coast University	<i>Advancing Spatiotemporal Modeling with Deep Learning: CNN-LSTM Integration</i>
	Clinic 1.4 (Rm TBD)	Greg Tucker, CSDMS IF	<i>The Art of Modeling: From Concept to Math with Balance Equations</i>
3:30PM	Break		
3:45PM - 6:00PM	Poster Session A		

Early Career Mixer - 6:00PM to 8:00PM - Malcolm Yards, 501 30th Ave. SE, Minneapolis, MN 55414

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Wednesday, May 20, 2026

Time	Session	Presenter	Topic
9:00 AM	Welcome	Moderator - Albert Kettner, CSDMS IF	Welcome
9:05 AM	Plenary Keynote (Tate Hall)	Einat Lev, Lamont-Doherty Earth Observatory	<i>Introducing Victor, a New Cyberinfrastructure for Volcanology</i>
9:25 AM	Plenary Keynote	Giulio Mariotti, Louisiana State University	<i>Three Ingredients for Numerically Efficient 2D Delta Morphodynamic Modeling</i>
9:45 AM	Plenary Keynote	Maya Stokes, Florida State University	<i>Topographic and Biologic Signatures of Repeated River Captures</i>
10:05 AM	Plenary Keynote	Jay Dickson, University of Minnesota, Polar Geospatial Cntr	<i>All of the Earth at High Resolution in 3D: Scaling Surface Processes from Local to Continental to Global</i>
10:25 AM	Break		
11:00AM - 12:30PM	Breakout 1 (Tate Hall)	Group Meetings	<i>Terrestrial WG, Geodynamics, Hydrology and CZ FRGs</i>
	Breakout 2 (Rm TBD)	Group Meetings	<i>Marine and Coastal WGs, Chesapeake and Ecosystem Dynamics FRGs</i>
12:30PM - 1:30PM	Lunch		
1:30PM - 3:30PM	Clinic 2.1 (Rm TBD)	Bert Jagers, Deltares	<i>Morphodynamical Simulations using Delft 3D FM</i>
	Clinic 2.2 (Rm TBD)	Joanmarie Del Vecchio, William and Mary	<i>PyCoGSS: Helping You (and Your Students!) Wrangle Big Landscape Data</i>
	Clinic 2.3 (Rm TBD)	Emily Farifax, University of Minnesota	<i>Using Machine Learning for Landscape Feature Detection: Beaver Dams and Beyond</i>
	Clinic 2.4 (Rm TBD)	CSDMS IF Research Software Engineers	<i>How Can I Share My Code? Building a Community-Ready Scientific Software Repository</i>
3:30PM	Break		
3:45PM - 4:30PM	Awards Ceremony	Moderator - Greg Tucker, CIF	<i>Lifetime Achievement, Student Modeler</i>
4:30PM - 6:30PM	Poster Session B		

Banquet 6:30PM to 8:30PM - Campus Club, University of Minnesota, Coffman Memorial Union, 300 Washington Ave. SE, 4th floor, Minneapolis, MN 55455

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Thursday, May 21, 2026

Time	Session	Presenter	Topic
9:00AM	Welcome	Moderator - Irina Overeem, CSDMS IF	Welcome and Poster Awards
9:10AM	Plenary Keynote (Tate Hall)	David Litwin, Temple University	<i>Landscape Evolution as a Surface-Subsurface Problem: From Headwaters to Orogens</i>
9:30AM	Plenary Keynote	Dan Shapero, University of Washington	<i>Simulating Debris-Covered Mountain Glaciers with icepack</i>
9:50AM	Plenary Keynote	Kyungsoo Yu, University of Minnesota	<i>Feedback Between Soil Biogeochemistry and Landscape Evolution: Opportunities for the Two Mature Fields to Address Pressing Earth Surface Science Issues</i>
10:10AM	Plenary Student Keynote	Student modeler runner-up - TBD	TBD
10:25AM	Break		
11:00AM - 12:30PM	Human Dimensions Focus Group (Tate Hall)	Moira Zellner, Northeastern U & Katherine Anarde, NCSU	<i>Plenary Human Dimensions Focus Group</i>
12:30PM	Lunch		
1:30PM - 3:30PM	Clinic 3.1 (Rm TBD)	Jeffrey Kwang, USGS	<i>TopoRivBlender: Reproducible 3D Visualizations in Blender and Python</i>
	Clinic 3.2 (Rm TBD)	Moira Zellner, Northeastern University	<i>Fora.ai: Embedding Earth Systems Modeling in a Collaborative Framework for Innovation, Impactful and Resilient Solution-building</i>
	Clinic 3.3 (Rm TBD)	Nicole Gasparini, Tulane U	<i>Tips and Tricks for Submitting an NSF Proposal</i>
	Clinic 3.4 (Rm TBD)	Jeff Keck, Washington State Department of Natural Resources	<i>Simulating Landslide Sediment Transport and Runout Hazard in Landlab using MassWastingRunout</i>
3:30PM	Break		
3:45PM - 4:45PM	Plenary (Tate Hall)	TBD	TBD
4:45PM - 5:00PM	Closing Remarks and Adjourn	Greg Tucker, Executive Director, CSDMS IF	<i>Farewell and information about 2027 Annual Meeting at University of Colorado, Boulder, CO</i>

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Friday, May 22- meeting by invitation

9:00AM-11:00AM	Location: TBD	CSDMS Executive Committee Meeting	(by invitation only)
12:00PM - 2:00PM	Location: TBD	CSDMS Steering Committee Meeting	(by invitation only)