

CERM 2018 SPEAKERS | DAY 1 | WEDNESDAY OCTOBER 24TH



REGISTRATION CHECK-IN 8:00-9:00		ENTRY FOYER TO OVERLOOK LODGE, Belleayre Ski Center	Get checked in, ask any questions you may have about the app and enjoy a coffee or tea
WELCOME & OPENING REMARKS 9:00-9:25	LESLIE ZUCKER	PROGRAM LEADER, Cornell Cooperative Extension of Ulster County	Welcome & Facility-Related Announcements
	JARED BUONO	EXECUTIVE DIRECTOR, Cornell Cooperative Extension of Ulster County	Welcome & Conference-Related Announcements
	KELLY TURTURRO & JEFF RIDER	REGIONAL DIRECTORS, REGION 3 & NATURAL RESOURCES SUPERVISOR, REGION 4, NYS DEC	Opening Remarks
	STEVEN SCHINDLER	DIRECTOR, WATER QUALITY, NYC DEP	Opening Remarks
	GARY LOVETT	SENIOR SCIENTIST, Cary Institute of Ecosystem Studies	Opening Remarks
KEYNOTE ADDRESS 9:25-10:15	CHAD DAWSON	PROFESSOR EMERITUS, FORMER CHAIR, Dept. of Forest and Natural Resources Management, SUNY College of Environmental Science and Forestry	Monitoring impacts and managing recreational use on Forest Preserve lands
RECREATION IMPACTS 10:30-12:15	JEFF RIDER	NATURAL RESOURCES SUPERVISOR, REGION 4, NYS Dept. of Environmental Conservation	Trends in use of public lands in the Catskills: Management implications
	BILL RUDGE & ANDY MOSSEY	NATURAL RESOURCES SUPERVISOR, REGION 3, NYS Dept. of Environmental Conservation & BLUE HOLE STEWARDSHIP COORDINATOR, Catskill Center	Managing Public Use at the Blue Hole; protecting natural resources at a popular swimming hole
	JOHN FRANKLIN	LOCAL RESIDENT, Kingston, NY	Analysis of human interactions on the lichen diversity of Slide Mountain
	AARON KRINSKY	GRADUATE STUDENT, SUNY College of Environmental Science and Forestry	Accepting change: An application of the limits of acceptable use in Kaaterskill Falls
	DISCUSSION MODERATED BY BILL RUDGE		General discussion of use impacts

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LUNCH 12:15-1:15		OVERLOOK LODGE , Belleayre Ski Center	Buffet lunch in cafeteria downstairs
DEVELOPMENT IMPACTS 1:15-2:15	KATHLEEN WEATHERS	SENIOR SCIENTIST & G. EVELYN HUTCHINSON CHAIR IN ECOLOGY , Cary Institute of Ecosystem Studies	Salting our freshwater lakes
	MICHALE GLENNON	SCIENCE DIRECTOR , Adirondack Watershed Institute at Paul Smiths College	Make room for wildlife: effects of exurban development on wildlife and lessons from the Adirondacks
	ARTHUR LERNER-LAM	Lamont Doherty Earth Observatory, Columbia University	Fit-bit of the forest
SOIL/PLANT RELATIONSHIPS 2:30-3:30	SAM ADAMS	FELLOW OF THE LINNEAN SOCIETY , Olive Natural Heritage Society, Inc.	Floristics meets Soil Science: Consilience and collaboration in studying responses to environmental change in the Catskill High Peaks sub-ecoregion
	OLGA VARGAS	SOIL SCIENTIST , USDA Natural Resources Conservation Service	Catskill Soil Taxonomy: Do the soils of the Catskills High Peak Region qualify as spodosols?
	ALISON KEIMOWITZ & STEVE PARISIO	ASSOCIATE PROFESSOR, VASSAR COLLEGE & GEOLOGIST (RETIRED) , NYS Dept. of Environmental Conservation	Chemistry of special soils in the Catskills
	CHRIS JOHNSON	PROFESSOR , Syracuse University	Long-term base cation weathering rates in Catskill soils
BIODIVERSITY 4:00-5:00	COLIN BEIER	ASSOCIATE PROFESSOR , SUNY College of Environmental Science and Forestry	The fate of forest soil fauna after a century of acid rain: species, community, and ecosystem-level effects
	BARRY BALDIGO	RESEARCH BIOLOGIST , U.S. Geological Survey	Response of fish communities to changing environmental conditions in the Upper Neversink River: A Clean Air Act success story
	JOHN WILEY	FISH AND WILDLIFE BIOLOGIST , U.S. Fish and Wildlife Service	Current status of the federally threatened Northern Wild Monkshood in the Catskill Region: Recent survey efforts show notable declines in this climate-sensitive species





CERM 2018 SPEAKERS | DAY 2 | THURSDAY OCTOBER 25TH

ARRIVE
8:00-9:00

ENTRY FOYER TO OVERLOOK LODGE, Belleayre Ski Center

Check in and enjoy a tea or coffee

SEDIMENT STUDIES
9:00-10:20

JASON SIEMION

RESEARCHER, U.S. Geological Survey

Evaluating suspended-sediment dynamics and turbidity in the Upper Esopus Creek Watershed: A comprehensive study

SCOTT STEINSCHNEIDER

ASSISTANT PROFESSOR, Cornell University

Time-varying suspended sediment-discharge rating curves to estimate climate impacts on fluvial sediment transport in the Esopus Watershed

SCOTT HAMSHAW

POST DOC ASSOCIATE, UVM Vermont EPSCoR

Unraveling sediment dynamics in the Mad River watershed through event concentration-discharge relationships and multi-temporal UAS surveys

BEVERLY WEMPLE

PROFESSOR, University of Vermont

Interactions between human and natural systems along rural road networks: The case of the Lake Champlain basin

HYDROLOGY
10:35-11:35

NATALIE TEALE

PhD CANDIDATE, Vassar College

Association of synoptic-scale atmospheric patterns with flash flooding in watersheds of the New York City water supply system

DOROTHY HALL

RESEARCH SCIENTIST, University of Maryland and NASA Goddard Space Flight Center

Use of satellite data to study lake-effect storms that reach the Catskill Mountains

DONALD BONVILLE

HYDROLOGIST, U.S. Geological Survey

Variations in baseflow of a mesoscale mountain catchment: Birch Creek

TED ENDRENY

PROFESSOR, SUNY College of Environmental Science and Forestry

Forest hydrology simulation tools for exploring how trees cool urban runoff from Catskill rivers

LUNCH
12:00-1:00

OVERLOOK LODGE, Belleayre Ski Center

Buffet lunch in cafeteria downstairs

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LONG-TERM MONITORING 1:00-1:40	ALI KOSIBA	FOREST ECOLOGIST , Forest Ecosystem Monitoring Cooperative	Introducing the Catskills Environmental Research and Monitoring data access portal
	GARY LOVETT	SENIOR SCIENTIST , Cary Institute of Ecosystem Studies	Air pollution success stories in the U.S. and in the Catskills: The value of long-term observations
WILDLIFE 1:40-3:00	CATHERINE SUN	PHD CANDIDATE , Cornell University, New York Cooperative Fish and Wildlife Research Unit	Black Bears in New York State
	CARL HERZOG	WILDLIFE BIOLOGIST , NYS Dept. of Environmental Conservation	Bat surveys in the Catskill Region: 10 years and counting
	MARGARET DIBENEDETTO	CO-CHAIR RESEARCH COMMITTEE , Delaware-Otsego Audubon Society	Identifying Golden Eagle habitat use in New York State
	JESSICA BEST	FISHERIES BIOLOGIST , Hudson River Estuary Program in cooperation with Cornell University, Division of Marine Resources, New York State Department of Environmental Conservation	American eels and weir fishing in the Catskills
FOREST STUDIES 3:15-4:15	BECKY SHIRER & CHRIS ZIMMERMAN	NY LEAD SCIENTIST , The Nature Conservancy, New York & CONSERVATION ECOLOGIST , The Nature Conservancy, New York	Are forests in the Catskills Region resilient to an uncertain future?
	JONATHAN ROSENTHAL & RADKA WILDOVA	DIRECTOR , Ecological Research Institute & SENIOR SCIENTIST , Ecological Research Institute	Citizen scientist/ land manager detection of resistant trees: A potentially powerful response to invasive forest pests
	DEBORAH LAYTON	FOREST SCIENTIST/ LANDSCAPE RESTORATION SPECIALIST , NYC Dept. of Environmental Protection	Growth of a naturally regenerating Catskill Forest 20 years after a catastrophic storm event

CLOSING & ADJOURN
4:15





CERM 2018 SPEAKERS | DAY 3 | FRIDAY OCTOBER 26TH

BREAKFAST STUDENT RESEARCH SYMPOSIUM 8:00-9:30

A breakfast workshop for students and faculty to explore ideas and opportunities for research projects in the Catskills. Preregistration required. Learn more on the [conference website](#).

MOUNTAIN HIGH FIELD TRIP 9:30-3:00

Explore soil-plant associations and Cathedral Glen, or forest history and charcoal production sites at the top of Belleayre Mountain. Ride up the mountain in the Belleayre Gondola. Lunch included, preregistration required. Learn more on the [conference website](#).

VALLEY LOW FIELD TRIP 9:30-2:30

Bushwhacking up Biscuit Brook, a pristine Catskills headwater stream: Geology, hydrology, geomorphology, biology, and...The spectacular beauty of a wild stream. Lunch included, preregistration required. Learn more on the [conference website](#).