

Adirondack Fire Futures Symposium — Event Schedule

July 27–29, 2026 • Clarkson University

<https://sites.clarkson.edu/fire-futures/>

Monday, July 27 - INTRODUCTION AND KICK OFF

Time	Event / Session — Speaker & Title
4:00-6:00 PM	Registration & Arrival <i>Info Desk, Student Center</i>
6:00-6:10 PM	Welcome & Opening Remarks Stephen Casper <i>Student Center Multipurpose Rooms (MPRs), 2nd Floor</i>
6:10-6:20 PM	Blue Line Magazine: Introduction to Jade Haumann Sara Cantwell, Editor, Blue Line (see related article - https://www.bluelineadkmagazine.org/fire-awareness)
6:20-7:00 PM	Keynote Jade Haumann — A Future Forward: Collaborations Rooted in Indigenous Values
After Q&A	Buffet Reception & Networking <i>Student Center Patio</i>

Tuesday, July 28 — FROM UNDERSTANDING TO ACTION

8:00-9:00 AM	Registration & Arrival <i>Info Desk, Student Center</i>
8:30–9:15 AM	Opening Lecture & Q&A <i>Student Center Multipurpose Rooms (MPRs), 2nd Floor</i>
	↳ Neil Pederson — The Eastern Fire Network: Catalyzing & Synthesizing Understanding of Wildfire Risks and Potential Impacts under Global Ecological Change
9:15–9:25 AM	<i>Break</i>
9:25–11:05 AM	Session 1 · Applied Fire Ecology and Management Research <i>Student Center MPRs</i>
9:25-9:45	↳ Michael Stambaugh — Contextualizing the Complex Fire Ecologies of the Eastern U.S.
9:45-10:05	↳ Bernard Crimmins — Fire Smoke Damage at the Wildland–Urban Interface: Applying Lessons from California to the Adirondacks
10:05-10:25	↳ Rose Abramoff — Nutrient and Regeneration Responses to Prescribed Fire & Biomass Harvesting in a Northern Mixedwood Forest
10:25-10:45	↳ Andrew Vander Yacht — Pyrohealth Synchrony: Fire-Integrated One Health to Benefit Wildlife, Ecosystems & People in the Northeast
10:45-11:05	↳ Discussion / Q&A
11:05-11:15	<i>Break</i>
11:15 –12:35 PM	Session 2 · Technology, Data & Detection <i>Student Center MPRs</i>
11:15-11:35	↳ Peter Mehlitz — ODIN — Fighting Fire with Data
11:35-11:55	↳ Eric Saczuk — Remotely Piloted Aircraft Systems (RPAS) - Applications to Wildfire Detection and Management
11:55-12:15	↳ Haoqing Yang — AI-Augmented Probabilistic Modeling of Post-Wildfire Slope Instability
12:15-12:35	Discussion
12:35–2:00 PM	Lunch & Poster Session (see posters details on the reverse) <i>ERC, 2nd Floor</i>
2:00-3:10 PM	Session 3 · Atmosphere and Power Infrastructure <i>Student Center MPRs</i>
2:00-2:20	↳ Jeffrey Freedman — Vegetation–Atmosphere Interactions and Grid Vulnerability to Wildfire in a Changing Climate
2:20-2:40	↳ Casey Kirkpatrick — Electrical Infrastructure, Ignition Risks, and Partnership Opportunities for Eastern Wildfire Preparedness
2:40-3:10	↳ Discussion / Q&A
3:10-3:25	<i>Break</i>
3:25-4:50 PM	Session 4 · Applied Fire Management & Prescribed Fire <i>Student Center MPRs</i>
3:25-3:45	↳ Neil Gifford — Restoring Fire’s Role in Ecosystem Health: A Case Study in Barrens and Biodiversity
3:45-4:05	↳ Robert Cole — Prescribed Burn: Accomplishments and Plans for NYSDEC’s Lands & Forests Division
4:05-4:11	↳ Lydia Horne — Beyond the Burn: Exploring Barriers to Prescribed Fire Use in Maine (flash talk)
4:11-4:31	↳ Polly Weigand — Helping Build Prescribed Fire Collaboration and Communication in NY: NAFSE & the NY Prescribed Fire Council
4:31-4:50	↳ Discussion / Q&A
4:50–5:20 PM	<i>Break</i>
5:20-6:20 PM	Keynote <i>Student Center MPRs</i>
	↳ Sunita Halasz — Building Collaborative Capacity in the Adirondacks: Lessons for Wildfire Preparedness and Regional Resilience
6:30 PM	Dinner

Wednesday, July 29 — FROM KNOWLEDGE TO COLLECTIVE ACTION

8:30–9:15 AM	Session 6 · From Disaster to Coordination	<i>ADK Lodge</i>
	↳ Liz Cox — From Disaster to Coordination: Data, Engagement, and Regional Wildfire Preparedness after Hurricane Helene	
9:15–9:25 AM	<i>Break</i>	
9:25–9:41	↳ VIDEO Dave McWethy — Changing Fire Regimes in North American Temperate Forests: Lessons from Historical Records	
9:41–11:00 AM	Session 7 · Roundtable: Asset-Driven Cooperation & Stakeholder Collaboration in Adirondack Fire Futures	
	↳ Lizz Schuyler, Sara Cantwell, Sean Ross, Susan Powers, Diane Husic, Jackie Bowen	
11:00–11:10 AM	<i>Break</i>	
11:10 AM–12:30	Delphi Roundtable	<i>ADK Lodge</i>
	↳ Synthesis & next steps	
12:30 PM	Grab-and-Go Lunch & Conference Close	

Tuesday, July 28, 12:35-2:00 — POSTERS -- ERC, 2nd floor

Susan Powers, Diane Husic	Adirondack Fire Futures: Community Climate Resilience - A Project Based Student Experience
*Daniel Jarzembowski, Owen Fleming	Wildfires in the Adirondacks: Scouting Resilience to Wildfires
*Haley Kovitch, Johannah Northrop, Hannah Smith	Wildfire Preparedness and Awareness in Forestport & Old Forge
*Ella Thompson, Davyed Leonovets	How prepared and resilient is Tupper Lake in case of wildfire?
*Palmer Steward	Are Adirondack Economies Wildfire Ready?
*Brodie Lanoue	Adirondack Wildfire Preparedness and Resilience - DEC Region 6
*Habiba Boureima, Alex McLean	Wildfire Awareness & Prevention in Au Sable Forks, NY
Diane Husic (on behalf of A. Gill, O. Cohn, and K. Bouchard)	Evaluating Perception and Preparedness for Climate Induced Risk in The Saranac Lakes Region Of New York
Diane Husic (on behalf of J. Dittman, C. Jenkins, and L. Billingsley)	Evaluating Hazard Perception and Preparedness in Keene, NY
Diane Husic (on behalf of L. Rice, J. Samburgh, & L. Fattinger)	Analysis of perceived wildfire risk and preparedness in the agricultural community in Northern New York
Caitlin Lozeau	Payload Integration for Environmental Sensing
Sreekesh Kookkal	Low-cost sensor network as an early indicator of smoke from forest fires
Aqsa Khan, Arran Rumbaugh, Silvana Andreescu	Smartphone-Assisted 3D-Printed Sensor for Detecting Smoke-Derived Volatile Phenols in Grapes and Wine
Nathaniel Button	Modeling & understanding the kinematics model of tactical robots to gauge their range of their capabilities to determine the feasibility of their application into crisis response roles.
Sujan Fernando	Evaluation of Firefighter Exposure to Wood Smoke during Training Exercises
Ashish Bhushan, Laney Tiernan	Protecting Indoor Air Quality and Human Health from Wildfire Smoke
Richard Owusu Ansah	Advancing Wildfire Air Quality Monitoring and Public Health Response Using Low-Cost Sensors
Sasha Goodnow	Introducing and Applying the National Fire Scar Survey
Anicka Chaffey	Comics for Conservation: Educating a Florida Community about Florida Scrub-Jays and Prescribed Fire through an Art/Science Collaboration through an Art/Science Collaboration
Jake O'Connell	Prescribed Fire in the Volunteer Fire Service: A tool for recruitment, retention and training in rural communities
Cameron Chin	Above & Below Ground Responses to a Prescribed Burn in a Red Oak–White Pine Forest, Maine
Samuel Gilvarg	Effects of Fire Frequency on Tick Populations in Northeast Pitch Pine Barrens
Samuel Gilvarg	Pyrohealth Synchrony: Integrating Wildland Fire into One Health to Benefit Plants, Animals, Ecosystems, and People
Audrey Tamasy	Enhancing biodiversity and resilience via summertime patch cutting to create uneven-aged northern forests
Maria Loughran	Fire Effects on the Growth and Survival of American Chestnut Seedlings: How do planted seedlings react to different firing strategies?
Maria Loughran	Fire-Effects on Hydrology in Forest Soils of the Northeastern United States

*Students in Clarkson ADK Fire Futures class, access recordings of their posters at this QR code.

Abstracts of all posters also included at this QR code and through the symposium website -

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