

Schedule of Events

NESTVAL 2019

Friday, October 18

Time	Event	Location(s)
3:00 pm - 7:00 pm	Conference Registration	Hemenway Labs Atrium
4:00 pm - 5:00 pm	Student Pizza Party	Hemenway Labs Atrium
4:30 pm - 7:15 pm	Geography Bowl Games	Hemenway Annex 136, 325, 329
7:15 pm - 8:00 pm	Geography Bowl Championship	Hemenway Auditorium 136
8:00 pm - 10:30 pm	Social Hour at 99 Restaurant	659 Worcester Road, Framingham

Saturday, October 19

Time	Event	Location(s)
7:30 am - 10:00 am	Conference Registration	Hemenway Labs Atrium
8:00 am - 9:00 am	Paper Session I	Hemenway Annex
	<i>I.A: Transdisciplinary Collaboration in Climate Change Pedagogy: A Case Study</i>	HA 327
	<i>I.B: Resource Management and Protection</i>	HA 338
9:00 am - 9:15 am	Coffee Break	Hemenway Labs Atrium
9:00 am - 10:15 am	Poster Presentations	Hemenway Labs Corridor
9:15 am - 10:15 am	Paper Session II	Hemenway Annex
	<i>II.A: Tourism Geography</i>	HA 325
	<i>II.B: Maritime Geographies</i>	HA 327
	<i>II.C: Geographies of (in)justice</i>	HA 338
10:15 am - 10:30 am	Coffee Break	Hemenway Labs Atrium
10:30 am - 12:00 pm	Paper Session III	Hemenway Annex
	<i>III.A: NSF Grant Writing</i>	HA 325
	<i>III.B: Geospatial Analysis</i>	HA 327
	<i>III.C: Arctic Ice, and Inequality in China</i>	HA 338
12:00 pm - 2:00 pm	Business Lunch	1839 Room, McCarthy Center
2:00 pm - 3:30 pm	Keynote Lecture, Dr. Kerry Emanuel	Hemenway Auditorium 136
3:30 pm - 5:00 pm	Paper Session IV	Hemenway Annex
	<i>IV.A: Quebec Hydropower for a Green Massachusetts? Connections, Contradictions and Contests of Electricity</i>	HA 325
	<i>IV.B: Climate Change Education</i>	HA 327
	<i>IV.C: Development, Economics, Sustainability and Assessment</i>	HA 338
3:30 pm - 4:15 pm	Planetarium <i>Dynamic Earth</i> (free)	Hemenway Labs Atrium (meet up)
4:15 pm - 5:00 pm	Planetarium <i>Dynamic Earth</i> (free)	Hemenway Labs Atrium (meet up)
3:30 pm - 5:30 pm	Warren Woods Field Trip (free)	Hemenway Labs Atrium (meet up)

Paper Session Notes

Session Chair: The last presenter in each session is to act as the session chair. This will help to ensure that the timing is kept punctual.

Presenters: All presenters should arrive to the session early, especially if they have technology to connect. All the sessions will start on time so that everyone will have the same time to share their important work. Each presenter will have approximately 15 minutes of time to present their work. An additional 5 minutes will be reserved for Q/A. Sessions will either be in a 1-hour time slot (3 presenters) or a 1-1/2 hour time slot (4 presenters). The session chair will alert speakers when 5, 2 and 1 minutes remain, and when to STOP. Please treat these people with respect.

Presentation rooms will have an overhead projector with HDMI connectors. Presenters wishing to use their own laptop and/or specialized equipment must bring connectors and cables to connect to the projectors. Again, early arrival is very important.

Poster Session Notes

Posters: All posters must be displayed in the designated area of the Hemenway Labs Atrium Corridor. All persons presenting a poster must arrive in the area by 8:45 am. Posters should be ready for viewing at 9:00 am. The presenter of the poster **MUST** remain with the poster to foster research discussions with fellow NESTVAL attendees. The poster session ends at 10:15 am.

Paper Session Schedules

Paper Session I (8:00 am – 9:00 am):

Session I.A: Room HA 327: Panel: Climate Change Pedagogies

- **Panel Discussion: *Transdisciplinary collaboration in climate change pedagogy: A case study***
Laura LaMontagne (Framingham State University), Judith Otto (Framingham State University), Niall Stephens (Framingham State University)

Session I.B: Room HA 338: Resource Management and Protection

- ***Is it really Industrially Compostable?***
Aiden Saulnier, University of Maine
- ***Making collective wildlife management work: crop-protection institutions in Himachal Pradesh, India***
Roopa Krithivasan, PhD Student, Clark University
- ***Cultural Resource Monitoring of the Appalachian Trail with LiDAR***
(*Session Chair*) Robert S. Bristow (Westfield State University), Anna Therien (Westfield State University)

Paper Session II (9:15 am – 10:15 am):

Session II.A: Room HA 325: Tourism Geography

- ***Baseball Game Attendance Change and Ballpark Relocation: Will Relocation Boost Attendance?***
Sungmin Jang, University of Connecticut

- ***A variety of GIS analyses in Tourism and Hospitality***
(Session Chair) Jeffery Kreeger, Central Connecticut State University

Session II.B: Room HA 327: Maritime Geographies

- ***Evaluating, initiating, and incubating blue economy development – Case of the Long Island Sound region***
Michaela Garland, Southern Connecticut State University
- ***The Bathymetric Rises and Falls of New Haven Harbor***
Matthew D. Miller, Southern Connecticut State University
- ***Assessing the carbon footprint of maritime freight routes to the Cape and Islands: Prospects of electrification on Vineyard and Nantucket Sounds***
(Session Chair) Carlos Hernandez (University of Connecticut), Nat Trumbull (University of Connecticut)

Session II.C: Room HA 338: Geographies of (in)justice

- ***Multi-study opportunities to explore spatial distributions of water arsenic in Bangladesh***
John F. Obrycki (Department of Neurology, Boston Children's Hospital), Maitreyi Mazumdar (Associate Professor of Neurology, Harvard Medical School; Associate Professor in Environmental Health, Harvard T.H. Chan School of Public Health)
- ***Investigating the Geographic Components of Human Trafficking in New Hampshire***
Allyson Rokita, Plymouth State University
- ***Perceptions of Climate Justice Among Southern Connecticut State University Students***
(Session Chair) Laura Cristina Abreu Molina, (Southern Connecticut State University)

Paper Session III (10:30 am – 12:00 pm):

Session III.A: Room HA 325: NSF Grant Writing

- ***Workshop: Writing Effective National Science Foundation Proposals in Geography and Related Fields***
Dr. Jacqueline M. Vadjunec, National Science Foundation (NSF) Program Director for Geography and Spatial Sciences

Session III.B: Room HA 327: Geospatial Analysis

- ***A Comparative Usability Assessment of Augmented Reality 3-D Printed Terrain Models and 2-D Topographic Maps***
Aaron Adams, University of Connecticut
- ***Spatial Statistical Analysis of Grid Optimization in Connecticut, Quantifying the Relationship Between Tree-Trimming and Power Outages***
Adam Gallaher (University of Connecticut), Marcello Graziano (Central Michigan University), Brian Becker (Central Michigan University), Bin Li, (Central Michigan University), Benjamin Heumann (Central Michigan University)
- ***A Network and Spatial Autocorrelation Analysis of New England Commuting Patterns***
(Session Chair) Devon Lechtenberg, PhD, MUPP, Senior Transportation Planner at Capitol Regional Council of Governments in Hartford, CT.

Session III.C: Room HA 338: Arctic Ice, and Inequality in China

- ***A critical perspective on temperature targets as a climate metric: a case study of Antarctica***
Shaina Rogstad, University of Massachusetts, Amherst
 - ***Uncertain and Uneven Transitions: Alternative Agricultures, Produced Nature and Planned Inequality in Rural China***
(*Session Chair*) Wenjing Jiang, Clark University
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Paper Session IV (3:30 pm – 5:00 pm):

Session IV.A: Room HA 325: Quebec Hydropower for a Green Massachusetts? Connections, Contradictions and Contests of Electricity

- ***Quebec hydropower for a green Massachusetts? Tracing the policies and politics of renewable power as a socioecological fix.***
Eve Vogel (UMass Amherst), Emily Chang (Union of Concerned Scientists), Steve Hayes (Texas A&M), Josh Nolan (UMass Amherst)
- ***"A Huge Extension Cord" Deliberations over the Northern Pass and the role of local communities in transmission infrastructure***
Josh Nolan, UMass Amherst
- ***Maine's CMP Corridor as a "Paracommons": The Spatial Politics of Financialization, Accumulation, and the Maine Woods***
Matt McCourt, University of Maine, Farmington
- ***New England Clean Energy Connect: Power Transmission Through Rural Maine***
(*Session Chair*) Paul B. Frederic, University of Maine, Farmington

Session IV.B: Room HA 327: Climate Change Education

- ***Using role-based assignments for critical encounters during field trips***
Jesse Minor (University of Maine, Farmington), Matt McCourt (University of Maine, Farmington)
- ***100% of active student participation is possible! (Do these activities in your class...)***
Ana Mesquita Emlinger, Salem State University
- ***Bringing climate changes issues to the public through art and science exhibitions.***
Stephen Young, Salem State University
- ***University Pedagogy About Global Climate Change Science and Policy: Perspectives from a Geographer***
(*Session Chair*) John Hayes, Salem State University

Session IV.C: Room HA 338: Development, Economics, Sustainability and Assessment

- ***Globalized spaces and the ocular: Views of uneven development in urban areas of emerging economies***

Brad Dearden, University of Maine at Farmington

- ***On Economic Geography, Transdisciplinarity & Critical Pragmatism***
C. Patrick Heidkamp, Southern Connecticut State University
- ***The answer: sustainability science. The question: climate emergency declaration.***
Stephen Axon, Southern Connecticut State University
- ***Overview: Chapter 18 Northeast, Fourth National Climate Assessment, Vol II – Impacts, Risks, and Adaption in the United States***
(*Session Chair*) Mary D. Lemcke-Stampone [University of New Hampshire]

Poster Sessions

Let's not sugar coat it

Katrishia Bell, Eastern Connecticut State University

Participatory Agroecological Assessment of Farmers' Capacity to Adapt to Climate Change in Malawi

Darren Bardati, Bishop's University, Canada

Breathless in the Southeast: How Do We Stop it?

Erick Bora, Eastern Connecticut State University

General Overview of How Geospatial Technologies are Used for Mineral Rights and Ownership within the Oil & Gas Industry

Matthew Bourdon, GIS Master's Candidate, University of Massachusetts, Amherst

"A Right to Know": State Level Combined Sewage Overflow Notification Policies in the Northeastern United States

J. Morgan Carney, MS Candidate at UMass Amherst

Physical geography and materials testing in an environmental internship

Travis Davis, University of Maine at Farmington

Stewardship Approaches and Communication Networks in the Greening the Gateway Cities Program in Leominster and Pittsfield, Massachusetts

Juliette Gale (Clark University), Sadie Murray (Clark University), Cindy Sellers (Clark University), Nick Geron (Clark University), Marc Healy (Clark University)

An Assessment of Traffic Safety in Roundabouts within a New England Municipality

Timothy J. Garceau, Central Connecticut State University

GIS Color Contour Mapping of the Spatial Trends in Sediment Physical Properties and Metal Contamination in Connecticut Harbors

Ethan Mehlin (Southern Connecticut State University), Vincent Breslin (Southern Connecticut State University)

Acculturation Stress of Cubans in the United States: The Effects of Living in Non-Traditional Hosting Communities

Cynthia Pope, Central Connecticut State University

An Analysis of Juvenile Tree Health in Massachusetts' Greening the Gateway Cities Program

Shannon Reault (Clark University), Haoyu (Novak) Chen (Clark University), Benjamin Ryan (Clark University), Nicholas Geron (Clark University), Marc Healy (Clark University)

Focusing Regional Conservation through Local Town-Based Plans

Anna Therien, Westfield State University)