

National Council for
Science and the Environment

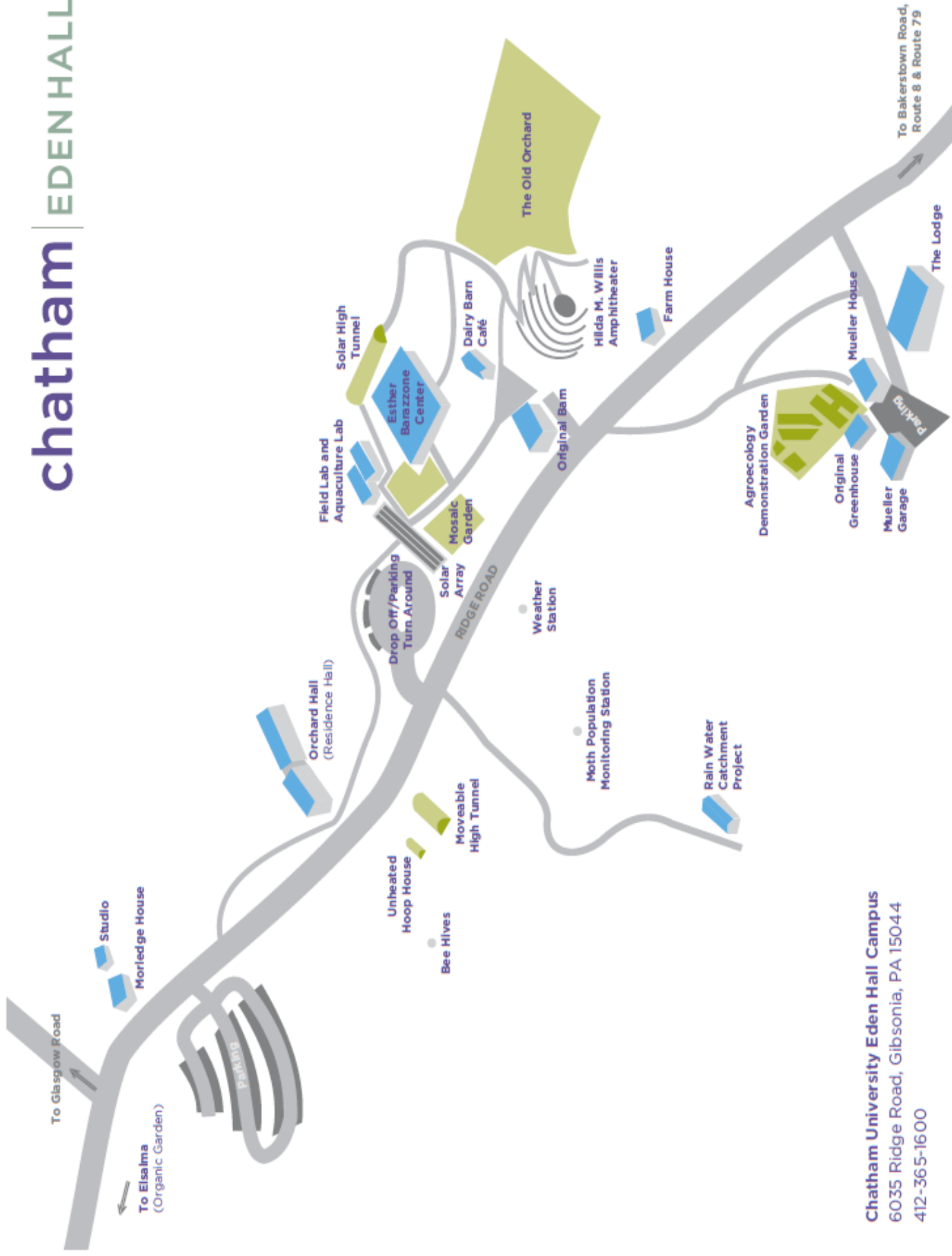
2018 Council of Environmental Deans and Directors Summer Meeting



June 26-28, 2018

Chatham University
Eden Hall Campus

chatham | EDENHALL



Chatham University Eden Hall Campus
 6035 Ridge Road, Gibsonsia, PA 15044
 412-365-1600

WELCOME TO THE CEDD SUMMER MEETING

June 26-28, 2018
Chatham University

The National Council for Science and the Environment (NCSE) advances informed environmental policy and decision-making through science. The NCSE Council of Environmental Deans and Directors (CEDD) is one of many premier benefits of NCSE University Affiliate Membership. Each member school may designate two representatives to serve on the Council. These institutional representatives work together to improve the quality, stature, and effectiveness of academic environmental and sustainability education and programs at educational institutions around the nation. CEDD is a leading and respected voice in environmental higher education. Government agencies, national and international organizations, and business groups seek out CEDD as a gateway to working with the academic environmental community and accessing its expertise.

Learn more at www.NCSEglobal.org

THANK YOU TO OUR HOST

CHATHAM UNIVERSITY—FALK SCHOOL OF SUSTAINABILITY & ENVIRONMENT



AGENDA

Tuesday, June 26

4:30 p.m.

*Ester Barazone Center
Registration Desk*

Registration and Housing Desk Open

5:30 p.m.

Classroom 127

Seminar on Core Competencies of Sustainability Education

- **Ira Feldman, Esq.** - Founder and Managing Director, Sustainability Curriculum Consortium
- **Rod Parnell, Ph.D.** - CEDD Chair; Professor, Earth Sciences and Environmental Sustainability, Northern Arizona University
- **Peter Walker, Ph.D.** - Dean, Falk School of Sustainability and Environment, Chatham University

6:30 p.m.

Main Dining Hall

Opening Reception

Welcome Introduction: Michael Carvalho, Esq. - Chair, National Council for Science and the Environment Board of Directors

7 p.m.

Main Dining Hall

Sustainability as an Imperative for an Inclusive, Thriving Economy

Introduction: Peter Walker, Ph.D. - Dean, Falk School of Sustainability and Environment, Chatham University

Keynote: Andrew S. McElwaine - Vice President, Sustainability Programming, The Heinz Foundation

Dinner and Evening Event

Wednesday, June 27

6:30 a.m.

*Meet at Ester Barazone
Center Registration Desk*

Bird Walk (Optional)

7:30 a.m.

Main Dining Hall

Attendee Breakfast

7:30 a.m.

*Sustainability
Conference Room*

**CEDD Executive Committee Meeting
(for CEDDEx Members only)**

7:30 - 10 a.m.

*Ester Barazone Center
Registration Desk*

Registration and Housing Open

AGENDA

8:30 a.m.

Classroom 127

Welcome and Opening Remarks

- **Michelle Wyman** - Executive Director, National Council for Science and the Environment
- **Rod Parnell, Ph.D.** - CEDD Chair; Professor, Earth Sciences and Environmental Sustainability, Northern Arizona University
- **Peter Walker, Ph.D.** - Dean, Falk School of Sustainability and Environment, Chatham University

8:45 a.m.

Classroom 127

Facilitated Introduction by Attendees

10 a.m.

Classroom 127

Coffee Break

10:30 a.m.

Classroom 127

Teaching and Leading on Science in Times of Uncertainty

Moderator: Erica Goldman, Ph.D. - Director of Policy Engagement, COMPASS

Panelists:

- **Craig S. Hood, Ph.D.** - Director of Environment Program, E.L. Beard Distinguished Professor of Biological Sciences, Loyola University New Orleans
- **Moiria Zellner, Ph.D.** - Research Associate Professor, Institute for Environmental Science and Policy and Associate Professor, Urban Planning and Policy, University of Illinois at Chicago
- **Xenia K. Morin, Ph.D.** - Senior Associate Dean for Learning, Associate Teaching Professor, Department of Plant Biology, Undergraduate Program Director, Agriculture and Food Systems, School of Environmental and Biological Sciences, Rutgers University

11:45 a.m.

Main Dining Hall

Lunch

12:15 p.m.

Classroom 127

Interdisciplinary Challenges and Opportunities

Moderator: Chris Boone, Ph.D. - Dean of Sustainability, Arizona State University

Panelists:

- **Diane Husic, Ph.D.** - Dean, School of Natural and Health Sciences, Moravian College
- **David Hyatt, Ph.D.** - Coordinator of Academic Sustainability, University of Arkansas
- **Thomas Macagno, Ph.D.** - Assistant Professor of Sustainability and Business, Chatham University
- **Vicky Meretsky, Ph.D.** - Director of Graduate Environmental Programs, Indiana University - School of Public and Environmental Affairs

1:30 p.m.

Classroom 127

NCSE Research Priorities in Interdisciplinary Environmental and Sustainability Education Today

Valerie Luzadis, Ph.D. - Professor and Senior Advisor to the President, State University of New York, College of Environmental Science and Forestry

2:30 p.m.

Classroom 127

Coffee Break

AGENDA

3 p.m.

Various Locations

Tour 1 - Sustainability Practices by an Artisan Chocolatier

Hosted by Speckled Hen Chocolates. No registration required.

Main Dining Hall

Tour 2 - Trip Down a Coal Mine

Only available to those who pre-registered.

Meet at Ester Barazone Center Registration Desk

6 p.m.

Main Dining Hall

Resilient Pittsburgh: Balancing the Environment, Economy, and Community Priorities for a Thriving City

Introduction: Michelle Wyman - Executive Director, National Council for Science and the Environment

Keynote: Grant Ervin - Chief Resilience Officer, City of Pittsburgh

Dinner and Evening Event

Thursday, June 28

7:30 a.m.

Main Dining Hall

Breakfast

8:30 a.m.

Meet in Main Dining Hall

Campus Tour - Sustainability in Practice

9:30 a.m.

Classroom 127

National Council for Science and the Environment 2018-2019 CEDD Priorities and Needs

Michelle Wyman - Executive Director, National Council for Science and the Environment

10 a.m. - 12 p.m.

*Ester Barazone Center
Registration Desk*

Dorm Room Check-Out

10 a.m.

Classroom 127

Coffee Break

10:30 a.m.

Classroom 127

Sustainability Education Core Competencies and Curriculum: Status and Next Steps

- **Matthias Barth, Ph.D.** - Professor for Education for Sustainable Development, Leuphana University of Lüneburg
- **Chris Boone, Ph.D.** - Dean of Sustainability, Arizona State University
- **Rod Parnell, Ph.D.** - CEDD Chair; Professor, Earth Sciences and Environmental Sustainability, Northern Arizona University

11:30 a.m.

Main Dining Hall

Keynote and Lunch

Barry Kukovich - Vice President for Communications, Peoples Natural Gas Company

AGENDA

12:30 p.m.

Various Locations

Scheduled Discussion Time: NCSE Communities of Practice

Select from one of the following discussions:

UN Sustainable Development Goals: Engaging and Developing Relevance to Universities (*Main Dining Hall*)

- **Dork Sahagian, Ph.D.** - Professor, Earth and Environmental Sciences, Lehigh University
- **Michael Carvalho, Esq.** - Chair, National Council for Science and the Environment Board of Directors

Energy Education (*Green Wall Area*)

- **Jennie Stephens, Ph.D.** - Professor of Sustainability Science and Policy, Associate Director, Global Resilience Institute, Northeastern University

Sustainability Education Consensus Statement and Core Competencies (*Sustainability Conference Room*)

- **Chris Boone, Ph.D.** - Dean of Sustainability, Arizona State University
- **Rod Parnell, Ph.D.** - CEDD Chair; Professor, Earth Sciences and Environmental Sustainability, Northern Arizona University
- **Katja Brundiers, Ph.D.** - Assistant Research Professor, Arizona State University

1:30 p.m.

Classroom 127

Coffee Break

1:40 p.m.

Various Locations

Open Discussion Time

Possible topics below with additional topics invited through the two-day meeting

University Resilience Network (*Classroom 127*)

- **Michelle Wyman** - Executive Director, National Council for Science and the Environment

Challenges and Opportunities for Building/Growing Undergraduate Programs in Environmental Studies (*Main Dining Hall*)

- **Colin Orians, Ph.D.** - Professor, Department of Biology, Tufts University

Why the Environmental Sciences Have So Little Impact on Policy Today (*Sustainability Conference Room*)

- **Karim Ahmed, Ph.D.** - Adjunct Professor, University of Connecticut

2:40 p.m.

Classroom 127

Closing Discussion and Wrap Up

- **Peter Walker, Ph.D.** - Dean, Falk School of Sustainability and Environment, Chatham University, Eden Hall Campus
- **Rod Parnell, Ph.D.** - CEDD Chair; Professor, Earth Sciences and Environmental Sustainability, Northern Arizona University

3:15 p.m.

Supershuttle Van to Airport

Provided by Chatham University

KEYNOTE PRESENTERS



Andrew S. McElwaine

Vice President, Sustainability Programming
The Heinz Foundation

Andrew McElwaine has been the Vice President of Sustainability Programming at the Heinz Foundation since 2015. McElwaine was the Heinz Foundation's first environmental program director. Before joining the Heinz Foundation in 2015, McElwaine worked as the President of the Conservancy of Southwest Florida, served as the President of the Pennsylvania Environmental Council, and was the President and CEO of the American Farmland Trust.

Grant Ervin

Chief Resilience Officer
City of Pittsburgh

As the Chief Resilience Officer for the City of Pittsburgh, Grant Ervin oversees the integration of sustainability and resilience into city services, programs, and policy. Prior to joining the City of Pittsburgh, Ervin served as the Regional Director for 10,000 Friends of Pennsylvania and as a Public Policy Manager for Pittsburgh Community Reinvestment Group.



Barry Kukovich

Manager of Community Affairs
Peoples Natural Gas Company

Barry Kukovich joined Peoples Natural Gas Company in 2010. Prior to that, he worked as a manager of media relations and community affairs for Duquesne Light Company. He has also been the Manager of Marketing for Katz Graduate School of Business for the University of Pittsburgh. Earlier in his career, Kukovich worked as a spokesperson for the Pittsburgh division of the American Red Cross, where he was also a national disaster representative. Kukovich is the author of a historical novel titled *The Church of Wolves*.

COMMUNITIES OF PRACTICE

About Communities of Practice

NCSE Communities of Practice (CoP) are member-driven opportunities to collaborate with fellow CEDD members on topics of shared interest.

CoPs will serve as expert platforms, reaching beyond the normal academic boundaries, to enable deeper collaboration, work, and research that will:

- Explore a given field, discipline, or sector-specific challenge more deeply based on impact, urgency, risk, opportunity, or innovation
- Engage leading science and policy experts to focus on the issue through collaboration
- Advance the use of science in policy, decision-making, and solution application
- Identify opportunities where CEDD can fill a gap and have measurable impact

Leadership and Membership

All CoPs are open to faculty, staff, and researchers from NCSE member institutions and from community, public, and business partners as chosen by the CoP leaders. Membership is intentionally fluid in order to allow for the contributions of numerous participants from a large number of member institutions to accelerate growth, maintain dynamic work and discourse, and meet objectives to ensure success.

Each CoP will be co-chaired by two CEDD Members and will have an NCSE staff liaison. Co-chairs (subject matter experts) facilitate the meetings of the CoP and focus the work on collective impact.

Timeline

CoPs will determine work plans and outcomes that mark a 12-month period during the 2018-2019 academic year. Outcomes might include new findings based on research; position statements or editorials on trends (e.g., sustainability education trend); policy recommendations based on research; and strategies for stronger, productive engagement between the scientific and policy sectors. The funding required to support CoPs will vary depending on the scope.

Frequency of CoP Meetings

CoPs meet by phone at least once every two months and in person twice per year, in conjunction with the bi-annual CEDD Meetings. For convenience and cost saving, face-to-face meetings are planned in conjunction with other convenings (i.e., NCSE annual conference, summer meetings, etc). Technology is utilized for more frequent meetings.

PARTICIPANTS

Karim Ahmed, Ph.D.*
Adjunct Professor
University of Connecticut

Frank Alcock, Ph.D.
Associate Professor
New College of Florida

Christopher Boone, Ph.D.*
Dean and Professor, School of
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Arizona State University

Katja Brundiers, Ph.D.
Assistant Research Professor
Arizona State University

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Chatham University

Michelle Wyman*

Executive Director
National Council for Science and the Environment

Moiria Zellner, Ph.D.

Associate Professor
University of Illinois at Chicago

* NCSE Board of Directors

UNIVERSITY AFFILIATE MEMBERS

Adelphi University	Lehigh University	The University of North Carolina at Greensboro
Alabama A&M University	Long Island University	The University of Texas at El Paso
Antioch University New England	Louisiana State University	The University of Texas Rio Grande Valley
Arizona State University	Loyola University New Orleans	The University of Vermont
Arkansas State University	Macalaster College	Tufts University
Ball State University	Manhattan College	University of Arkansas
Bard College	Michigan State University	University of California, Davis
Bentley University	Middlebury College	University of California, Merced
Boston College	Moravian College	University of California, San Diego
Boston University	New College of Florida	University of Colorado Boulder
Bryn Mawr College	New York Institute of Technology	University of Dayton
California Polytechnic State University - San Luis Obispo	North Carolina Agricultural and Technical State University	University of Delaware
California State University - Chico	North Carolina State University	University of Findlay
Central Michigan University	Northeastern University	University of Illinois: Urbana - Champaign, Chicago, Springfield
Chatham University	Northern Arizona University	University of La Verne
Claflin University	Oberlin College	University of Michigan
Clarkson University	Pennsylvania State University	University of Nebraska - Lincoln
Colby College	Portland State University	University of New Hampshire
Colgate University	Purdue University	University of North Texas
College of Charleston	Rutgers University	University of Pennsylvania
College of St. Benedict/St. John's University	Salisbury University	University of Pittsburgh
Colleges of the Fenway	Sewanee: The University of the South	University of Rhode Island
Colorado State University	Siena College	University of Rochester
Columbia University	Smith College	University of South Carolina
Dickinson College	Southern New Hampshire University	University of the District of Columbia
Doane University	St. Mary's College of Maryland	University of Toledo
Duke University	State University of New York College of Environmental Science and Forestry	University of Wisconsin - Extension
Duquesne University	Tennessee State University	University of Wisconsin-Madison
Fairfield University	Texas A&M University	University of Wyoming
Florida International University	The Evergreen State College	Warren Wilson College
Franklin and Marshall College	The George Washington University	Western Washington University
George Mason University	The Ohio State University	Williams College
Georgia State University	The University of Alabama	Winthrop University
Goshen College	The University of Arizona	Worcester Polytechnic Institute
Heritage University	The University of Maryland Center for Environmental Sciences	Yale University
Indiana University	The University of North Carolina at Chapel Hill	
Iowa State University		

MEMBER BENEFITS

University Affiliate Members are part of a community of leaders advancing interdisciplinary environmental science and sustainability in higher education and its role in environmental policymaking.

Distinguished and Meaningful Leadership

- Designate two faculty members to participate in the Council of Environmental Deans and Directors, the nation's leading council for advancing the quality and effectiveness of interdisciplinary environmental and sustainability education and scholarship.
- Lead and participate in multi-institutional collaborations through work on science policy briefs, consensus statements, and innovative communities of practice.
- Highlight your school and activities through campus-wide subscription to the *NCSE Weekly Member News & Exchange*.

Connect with Federal and Business Executives and a Peer Network

- Up to five complimentary registrations and unlimited discounted registrations to the NCSE 2019 Annual Conference: Sustainable Infrastructure and Resilience to engage with leaders in higher education, federal agencies, and business to connect science to policy and critical decisions.
- Two complimentary registrations and unlimited discounted registrations to the CEDD Winter Meeting (Monday, January 7, 2019, in Washington, D.C.) and the CEDD Summer Meeting (Summer 2019, hosted at a member institution).
- Ongoing access to an international network of influential scientists, researchers, policy- and decision-makers, and thought leaders across sectors.

Exclusive Access to New Opportunities

- Information on federal funding, opportunities, and partnerships for environmental research and education, shared through NCSE member programs, meetings, and webinars.
- New opportunities to engage in workshops and policy dialogues to enhance academic engagement and effectiveness in informing policy.

Knowledge and Analysis to Differentiate Your Programs

- Member-only access to the NCSE Higher Education Research Report series, including the upcoming *Energy Education and Research Report (2018)*.
- Unlimited complimentary registrations to NCSE's Science Policy Leadership Webinar series, available to anyone in your university community.

Renew Your NCSE Membership for 2018-2019

It's time to renew your institution's membership in the NCSE University Affiliate Program for the 2018-2019 year. Contact Kate Ceste (kceste@ncseglobal.org, 202-596-3427) to discuss your member benefits or process your renewal.

CONNECT WITH US



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National Council for Science and the Environment
(NCSE)

UPCOMING WEBINAR SERIES

NCSE is partnering with the Security and Sustainability Forum on a series of webinars in a lead up to our 2019 Annual Conference: Sustainable Infrastructure & Resilience taking place January 8-9, 2019 in Washington, D.C. The webinar series will cover a variety of topics around sustainability and resilience and feature leaders in the field.

Dates and webinar descriptions will be posted online at www.NCSEglobal.org/ncse-webinars. Check back soon for more details.

September	Local Opportunities for Actionable Science Policy Solutions on Resilience
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October	Markets & Finance Mechanisms to Advance Resilience
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November	Industry Addressing Security and Risk in a Time of Uncertainty
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December	Federal Tools and Programs that Support Sustainable Infrastructure Resilience
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COMMUNITY ENGAGEMENT

NCSE Member News & Exchange

Stay up to date with the latest science and environmental news and receive updates on opportunities, resources, and events through the *NCSE Member News & Exchange* weekly e-newsletter. Email membership@ncseglobal.org to sign up.

NCSE Member Listserv

Engage with other NCSE Members through the NCSE Member Listserv, a forum for all NCSE Members to correspond in real time with one another as leaders in higher education.

- To post to the listserv, email member.only@ncseglobal.org.
- Not sure if you are a part of the listserv? Email membership@ncseglobal.org to sign up.

SHARE NEWS FROM YOUR CAMPUS

Do you have events, opportunities, programs, research, or other news to share with NCSE members across the country? Send your updates to Kate Ceste (kceste@ncseglobal.org) for inclusion in an upcoming issue of the *NCSE Member News & Exchange*.



SAVE THE DATE

CEDD Winter Meeting - January 7, 2019
Annual Conference - January 8-9, 2019
Omni Shoreham Washington, D.C.

About the NCSE Annual Conference

At the NCSE Annual Conference, more than 700 individuals from the environmental science community will convene for meaningful discussions and to form partnerships for solutions. The conference is widely recognized for its notable presenters, innovative programming, and outcome-oriented approach.

Sustainable Infrastructure & Resilience

No part of the planet is untouched by the impact of the more than seven billion human inhabitants. Collectively, we face pressing challenges such as extreme weather from climate change, growing urbanization, and resource scarcity. These challenges make cities and ecosystems more vulnerable. They trigger an urgent call to develop a sustainable, healthy, and just world. More recently, the concept of resilience has become integrated into thinking about sustainable systems and infrastructure. At the 2019 Annual Conference, attendees will look at the opportunities and challenges for sustainability at the convergence of built, natural, social, and cyber infrastructure. Attendees will also explore community resilience and discuss how to apply best practices in their community.

www.NCSEConference.org