

AESS 2020: Research and Action

Wednesday, Jul 15

12:00 PM - 01:00 PM

Opening Plenary

Welcome and Keynote Speech

Myra Young Armstead

Bard College

Valerie Banschbach

Assoc Provost and Dean of Sciences and Education, Gustavus Adolphus College

Our 2020 keynote will be Dr. Myra Young Armstead. Dr. Armstead will be giving a talk titled Unleashing the Power of an Interdisciplinary Landscape, Environmental Studies. This talk will be broadcast live during the session time. Schedule of events: Opening and Welcome by AESS President Valerie Banschbach Keynote by Dr. Armstead Discussion moderated by Dr. Banschbach

Wednesday, Jul 15

01:15 PM - 02:15 PM

Teaching the Anthropocene: A New Paradigm for Environmental and Geoscience Education

Climate and energy studies

Diversity and Inclusion

Environmental justice

Sustainability

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Gary Gomby

Lecturer, Central Connecticut State University

This presentation will make the case for reorienting our traditional teaching paradigm to reflect the interconnected nature of anthropogenic change—of which climate change is just one part. It will discuss the origins of the Anthropocene concept, its relevance to understanding planetary change, and its utility as an organizing framework for environmental and geoscience education.

Wednesday, Jul 15

01:15 PM - 02:15 PM

A1-1: Teaching climate change and the Anthropocene

Teaching in ESS

Climate and energy studies

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Wednesday, Jul 15

01:15 PM - 02:15 PM

A1-2: Fossil Fuel Money and Lobbying

Climate and Energy Studies

Climate and energy studies

Full Panel Presentation



Devin Judge-Lord

PhD Candidate, University of Wisconsin-Madison

Matt Goldberg

Associate Research Scientist, Yale University

Oil and gas companies invest in legislators that vote against the environment Do campaign contributions from oil and gas companies influence legislators to vote against the environment, or do these companies invest in legislators that have a proven antienvironmental voting record? Using 28 years of campaign contribution data, we find that evidence consistently supports the investment hypothesis: The more a given member of Congress votes against environmental policies, the more contributions they receive from oil and gas companies supporting their reelection. Campaign Contributions and Bureaucratic Oversight: A Case Study of the Federal Energy Regulatory Commission We use letters legislators that ...

Wednesday, Jul 15

01:15 PM - 02:15 PM

A1-3: Natural Resource Conservation and Management

Natural Resource Management and Policy

Natural resource policy and management

Individual Paper Presentation

Wednesday, Jul 15

01:15 PM - 02:15 PM

A1-4: Embracing Disagreement in Environmental Thought

Environmental Arts and Humanities

Environmental arts and humanities

Discussion Symposia

Wednesday, Jul 15

02:30 PM - 03:30 PM

A2-1: Engaged learning and ESS pedagogy

Teaching ESS

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Wednesday, Jul 15

02:30 PM - 03:30 PM

A2-2: Resilience, adaptation, and climate justice

Climate Adaptation and Resilience

Climate adaptation and resilience

Climate and energy studies

Environmental justice

Individual Paper Presentation

Wednesday, Jul 15

02:30 PM - 03:30 PM

A2-3: Centering Diversity & Inclusion with the AESS Diversity Committee

Environmental Arts and Humanities

Diversity and Inclusion

Environmental arts and humanities

Discussion Symposia

Wednesday, Jul 15

02:30 PM - 03:30 PM

A2-4: What's missing in ESS and what to do about it

Teaching ESS

Teaching and mentoring in environmental studies...

Full Panel Presentation

Chelsie Romulo

Assistant Professor, University of Northern Colorado

Debbie Kasper

Associate Professor of Environmental Studies and Sociology, Hiram College

Michelle Larkins

Assistant Professor, Pacific University Oregon

In keeping with the theme of "Research and Action," this panel is concerned with the role of scholars and educators in environmental sciences and studies fields (ESS) to help students: 1) understand the urgent socio-environmental crises human activities have brought about and 2) develop a clear sense of how to engage with efforts at multiple levels to avert those crises and transition toward something better. With a sincere and enduring commitment to these goals, ESS has a strong record of critical self-reflection. From recent observations of incoherence in curricula to problematic theoretical assumptions to a poor record of conveying mechanisms ...

Wednesday, Jul 15

02:30 PM - 03:30 PM

A2-5: Natural Resource Management and Conservation

Natural Resource Management and Policy

Natural resource policy and management

Individual Paper Presentation

Wednesday, Jul 15

03:45 PM - 04:45 PM

A3-1: Teaching sustainability

Teaching ESS

Sustainability

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Wednesday, Jul 15

03:45 PM - 04:45 PM

A3-2: Astoria and Energy: Dirty Power to Renewable Rikers

Climate and Energy Studies

Climate and energy studies

Discussion Symposia

Wednesday, Jul 15

03:45 PM - 04:45 PM

A3-3: International Examples of Climate Adaptation

Climate Adaptation and Resilience

Climate adaptation and resilience

Individual Paper Presentation

Wednesday, Jul 15

03:45 PM - 04:45 PM

A3-4: Environmental Justice

Environmental Justice

Environmental justice

Individual Paper Presentation

Wednesday, Jul 15

05:00 PM - 06:00 PM

A4-1: Integrating Social Responsibility in Two Courses: "Environmental Politics and Policy" and "Environmental Communication"

Teaching ESS

Teaching and mentoring in environmental studies...

Discussion Symposia

Wednesday, Jul 15

05:00 PM - 06:00 PM

A4-2: Climate change policy and action

Climate and Energy Studies

Climate and energy studies

Natural resource policy and management

Individual Paper Presentation

Wednesday, Jul 15

05:00 PM - 06:00 PM

A4-3: Environmental stewardship and citizen science

Natural Resource Management and Policy

Natural resource policy and management

Individual Paper Presentation

Wednesday, Jul 15

05:00 PM - 06:00 PM

A4-4: Campus Sustainability

Sustainability

Sustainability

Individual Paper Presentation

Wednesday, Jul 15

05:00 PM - 06:00 PM

A4-5: Getting the most from external program reviews: before, during, and after

Professional Development

Professional development

Discussion Symposia

Thursday, Jul 16

11:00 AM - 12:00 PM

AESS Business Meeting



Carolyn Anthon

Managing Director, Association for Environmental Studies and Sciences

Diamond Holloman

PhD Candidate, UNC Chapel Hill

Erin Pischke

Research associate, University of Oregon

Karin Warren

Professor & Chair, Randolph College

Laureen Elgert

Dr., Worcester Polytechnic Institute

Lissy Goralnik

Assistant Professor, Michigan State University

Michael Finewood

Assistant Professor, Pace University

Valerie Banschbach

Assoc Provost and Dean of Sciences and Education, Gustavus Adolphus College

Thursday, Jul 16

12:00 PM - 01:00 PM

B1-1: Cases in course design and experiential learning

Teaching ESS

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Thursday, Jul 16

12:00 PM - 01:00 PM

B1-2: Energy, Earth and Environmental Education (E4) - advancing the conversation

Climate and Energy Studies

Climate and energy studies

Teaching and mentoring in environmental studies...

Discussion Symposia

Thursday, Jul 16

12:00 PM - 01:00 PM

B1-3: Impacting environmental policy in the spaces between research and implementation: Stories from the field

Natural Resource Management and Policy

Natural resource policy and management

Full Panel Presentation

Thursday, Jul 16

12:00 PM - 01:00 PM

B1-4: The Power of Storytellers to Move the Planet Forward

Environmental Arts and Humanities

Environmental arts and humanities

Full Panel Presentation

Thursday, Jul 16

12:00 PM - 01:00 PM

B1-5: Elizabeth Demaray: World Trade Center Studio Visit *60-minute workshop*

Climate Adaptation and Resilience

Climate adaptation and resilience

Environmental arts and humanities

Sustainability

Workshop

Thursday, Jul 16

01:15 PM - 02:45 PM

B2-1: EcoTypes: Exploring Environmental Ideas with Our Students *90 minute workshop*

Teaching ESS

Teaching and mentoring in environmental studies...

Workshop

Thursday, Jul 16

01:15 PM - 02:15 PM

B2-2: Getting our Sh*t Together BEFORE it Hits the Fan

Climate and Energy Studies

Climate and energy studies

Discussion Symposia

Thursday, Jul 16

01:15 PM - 02:15 PM

B2-3: Planning for Sea Level Rise and Flooding

Climate Adaptation and Resilience

Climate adaptation and resilience

Individual Paper Presentation

Thursday, Jul 16

01:15 PM - 02:15 PM

B2-4: Beyond Diversity: Fostering Inclusion and Belonging in the Environmental Movement

Environmental Arts and Humanities

Diversity and Inclusion

Environmental arts and humanities

Discussion Symposia

Thursday, Jul 16:

02:30 PM - 03:30 PM

Poster Session

B5-2



Climate adaptation and resilience

Climate and energy studies

Diversity and Inclusion

Environmental arts and humanities

Environmental justice

Natural resource policy and management

Sustainability

Teaching and mentoring in environmental studies...

Wildlife and natural resource conservation

During this session, please head over to the Poster Showcase &&-- click POSTERS in the left sidebar menu. Poster presenters will be available to answer your chats on their respective poster presentation profiles.

Thursday, Jul 16

03:45 PM - 04:45 PM

B4-1: Cases in course design and experiential learning and research

Teaching ESS

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Thursday, Jul 16

03:45 PM - 04:45 PM

B4-2: Energy Justice

Climate and Energy Studies

Climate and energy studies

Environmental justice

Individual Paper Presentation

Thursday, Jul 16

03:45 PM - 04:45 PM

B4-4: Integrating climate action into the curriculum

Teaching ESS

Climate and energy studies

Teaching and mentoring in environmental studies...

Full Panel Presentation

Thursday, Jul 16

05:00 PM - 06:00 PM

B5-1: Digital teaching tools for engaged learning

Teaching ESS

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Thursday, Jul 16

05:00 PM - 06:00 PM

B5-2: Research in Climate Science

Climate and Energy Studies

Climate and energy studies

Individual Paper Presentation

Thursday, Jul 16

05:00 PM - 06:00 PM

B5-3: Food and Agriculture

Environmental Justice

Environmental justice

Individual Paper Presentation

Thursday, Jul 16

05:00 PM - 06:00 PM

B5-4: Introducing Sustainability to Undergraduate Audiences: Course Materials, Structure, and Big Ideas

Teaching ESS

Sustainability

Teaching and mentoring in environmental studies...

Discussion Symposia

Friday, Jul 17

12:00 PM - 01:00 PM

C1-1: Diversity and Inclusion in ESS

Teaching ESS

Diversity and Inclusion

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Friday, Jul 17

12:00 PM - 01:00 PM

C1-2: Energy Policy

Climate and Energy Studies

Climate and energy studies

Individual Paper Presentation

Friday, Jul 17

12:00 PM - 01:00 PM

C1-3: Perceptions of risk: water and climate change

Climate Adaptation and Resilience

Climate adaptation and resilience

Individual Paper Presentation

Friday, Jul 17

12:00 PM - 01:00 PM

C1-4: Research Universities as Climate Resilience Planning Partners

Climate Adaptation and Resilience

Full Panel Presentation

Friday, Jul 17

01:15 PM - 02:15 PM

C2-1: Resilience in ESS Programs: A Program Materials Workshop to Save the World *60 minute workshop*

Teaching ESS

Climate adaptation and resilience

Teaching and mentoring in environmental studies...

Workshop

Barry Muchnick

Assistant Professor Environmental Studies, St. Mary's College of Maryland

Sam Whitehead

Associate Professor of Environmental Science and Conservation, Concordia University Texas

Susan Caplow

Associate Professor of Environmental Studies, University of Montevallo

Friday, Jul 17

01:15 PM - 02:15 PM

C2-2: Decarbonization and clean energy transitions

Climate and Energy Studies

Climate and energy studies

Individual Paper Presentation

Friday, Jul 17

01:15 PM - 02:15 PM

C2-3: Water justice

Environmental Justice

Environmental justice

Natural resource policy and management

Individual Paper Presentation

Friday, Jul 17

01:15 PM - 02:15 PM

C2-4: Sustainability

Sustainability

Sustainability

Individual Paper Presentation

Friday, Jul 17

02:30 PM - 03:30 PM

C3-1: ESS program design: Undergraduates and Masters

Teaching ESS

Teaching and mentoring in environmental studies...

Individual Paper Presentation

Friday, Jul 17

02:30 PM - 03:30 PM

C3-2: Connecting campus and community for climate justice

Climate and Energy Studies

Climate and energy studies

Full Panel Presentation

Karen Berger

Associate Professor, University of Rochester

Karin Warren

Professor & Chair, Randolph College

Laura Henry-Stone

Associate Professor of Environmental Sciences and Sustainability, University of Lynchburg

This panel will showcase three examples of community-engaged work at different institutions around themes of climate, energy, and social justice. The panelists will discuss the challenges in developing meaningful partnerships with community partners and the opportunities such work gives to support the community while simultaneously deepening the students' understanding of the wicked problem of climate injustice. Karen Berger will describe the process of developing partnerships to support community work on energy access, health, and climate vulnerability in the low-income City of Rochester, New York. Karin Warren will discuss campus-community collaboration for regional climate resilience assessment and planning in South-Central Virginia, ...

Friday, Jul 17

02:30 PM - 03:30 PM

C3-3: An Artist in Residence at a Scientific Institution

Teaching ESS

Environmental arts and humanities

Teaching and mentoring in environmental studies...

Discussion Symposia

Friday, Jul 17:

03:45 PM - 04:45 PM

Awards Reception, Closing Remarks



Hanna Morris

Ph.D Candidate, University of Pennsylvania

Kimberly Smith

Professor, Carleton College

Susan Caplow

Associate Professor of Environmental Studies, University of Montevallo

Our 2020 Awards and Closing will be facilitated by Dr. Katharine Owens, AESS President-Elect. This awardee speeches (~ 15 minutes) will be broadcast live during the session time and available for watching after the conference. Schedule of events: Acknowledgements and introductions by AESS President-Elect Katharine Owens. Speeches by Kim Smith, Susan Caplow, and Hannah Morris. Discussion moderated by Katharine Owens. Closing