
Event Agenda

NATIONAL SUSTAINABILITY SOCIETY INAUGURAL CONFERENCE

Mon, Sep 09, 2024

8:00 AM - 5:00 PM

NSS Conference Check in

Location: 203

8:30 AM - 10:00 AM

Workshop Session A (Advanced Registration Required)

A1 Thriving at the Intersection: How to be a Multidisciplinary Sustainability Practitioner

8:30 AM - 10:00 AM

Location: 307

Speaker: Debbie Namugayi

A2 Closing the Implementation Gap: From Awareness to Action

8:30 AM - 10:00 AM

Location: 214

Speakers: Jennifer Tabanico, Amy Cabaniss

A3 Navigating Conflict and Dysfunction in Conversations

8:30 AM - 10:00 AM

Location: 337

Speaker: Kari McLeod

A4 The Key Competencies in Sustainability Framework

8:30 AM - 10:00 AM

Location: 340

Speakers: Krista Hiser, Meghann Jarchow

A5 Sustainability Leadership: Training Tools for Collaboration

8:30 AM - 10:00 AM

Location: 238

Speaker: Margaret Krebs

8:30 AM - 10:00 AM

Port of Seattle Waterfront Walking Tour (Sign up required; space limited)

8:30 AM - 10:00 AM

Coalition Building for Campus Decarbonization Tour (Sign up required; space limited)

Location: HUB Front Door

Speakers: Lisa Dulude, David Woodson, Mark Kirschenbaum, Marilyn Ostergren

8:30 AM - 10:00 AM

Walking tour of UW campus (Sign up required; space limited)

Location: HUB Front Door

Speaker: Daimon Eklund

10:00 AM - 11:30 AM

Workshop Session B (Advanced Registration Required)

B1 Life Cycle Assessment of Bio-based Materials and Systems

10:00 AM - 11:30 AM

Location: 307

Speakers: Indroneil Ganguly, Francesca Pierobon

B3 Participatory Modeling for Climate Justice

10:00 AM - 11:30 AM

Location: 214

Speakers: Moira Zellner, Maya Negev, Deb L. Morrison

B4 Best Practices for Sustainability Degree Programs

10:00 AM - 11:30 AM

Location: 340

Speakers: Krista Hiser, Teri Balsler

B5 How the Scientific Community Can Guide Corporate Biodiversity Reporting

10:00 AM - 11:30 AM

Location: 238

Speakers: Benjamin Miller, Dan Brown

10:00 AM - 11:30 AM

The Understory, Horticultural Tour of Amazon Spheres

Location: Understory entrance, 2111 7th Ave, Seattle, WA 98121

10:00 AM - 11:30 AM

Washington Park Arboretum Walking Tour

Location: 2300 Arboretum Drive E, Seattle, WA 98112

10:00 AM - 11:30 AM

Coalition Building for Campus Decarbonization Discussion (Sign up required; space limited)

Location: 332

Speakers: Lisa Dulude, David Woodson, Mark Kirschenbaum, Marilyn Ostergren

11:30 AM - 1:00 PM

Workshop Session C (Advanced Registration Required)

C1 Decarbonization Pathway Tools

11:30 AM - 1:00 PM

Location: 307

Speakers: Alan Jacobsen, Mengya Tao, Vinod Kumar Konaganti, Ofei Mante

C2 Navigating Science-Policy Interface for Impact

11:30 AM - 1:00 PM

Location: 214

Speaker: Caitlin Grady

C3 How to Choose Decision-Support Tools for Climate Assessments

11:30 AM - 1:00 PM

Location: 337

Speakers: P.J. Tillmann, Alejandro Paredes

C4 Dismantling Structures and Patterns of Unsustainability

11:30 AM - 1:00 PM

Location: 340

Speaker: Adam Lerner

12:30 PM - 1:25 PM

Lunch

Location: Street

1:30 PM - 2:30 PM

Plenary Keynote Presentation: The Sustainability Challenge: Scale and Speed

Location: North Ballroom

Speaker: Amy Luers

2:45 PM - 4:00 PM

“Show me the Money”: Mobilizing Private Capital for Climate Action

Location: 334

Speakers: Angela Adduci, Eli Lieberman ; Speaker and Chair: Edward Chu

2:45 PM - 4:00 PM

Influencing Sustainability Decision Making

Location: 340

Speakers: Alvin Li, Luci Lu, Hana Kim, Jaron Rothkop ; Speaker and Chair: Moira Zellner

Transforming Lifestyles: Insights from Hong Kong

2:45 PM - 4:00 PM

Location: 340

Speaker: Alvin Li

Socio-environmental influences on land turnover in US public rangelands

2:45 PM - 4:00 PM

Location: 340

Speaker: Luci Lu

What makes people buy secondhand products on DSP?

2:45 PM - 4:00 PM

Location: 340

Speaker: Hana Kim

Who’s Word: A Study of Trust in Drinking Water Information Sources Among Vulnerable Populations

2:45 PM - 4:00 PM

Location: 340

Speaker: Jaron Rothkop

Participatory modeling for environmental planning and policy

2:45 PM - 4:00 PM

Location: 340

Speaker: Moira Zellner

2:45 PM - 4:00 PM

Designing Climate and Sustainability Networks to Scale Impact

Location: 332

Speakers: Meghan Fay Zahniser, Tim Carter, Krista Hiser ; Chair: Meghan Chapple

2:45 PM - 4:00 PM

Commoning for Sustainability (CCSC)

Location: 337

Speakers: Aman Luthra, Xuehua Zhang, Mary Vayaliparampil, Brett Gilman, Meg Holden ; Speaker and Chair: Annika Airas

Spatial complexity and the emergence of institutions for the pollinator commons

2:45 PM - 4:00 PM

Location: 337

Speaker: Aman Luthra

Role of Commoning in the Sustainability of Community Composting in China

2:45 PM - 4:00 PM

Location: 337

Speaker: Xuehua Zhang

The Relevance of Goan Comunidades for Sustainable Development

2:45 PM - 4:00 PM

Location: 337

Speaker: Mary Vayaliparampil

The Garden as a Force for Change: Commoning and the Politics of Ecological & Naturalistic Gardening

2:45 PM - 4:00 PM

Location: 337

Speaker: Brett Gilman

Translanguaging research into commoning for urban sustainability transitions

2:45 PM - 4:00 PM

Location: 337

Speakers: Annika Airas, Meg Holden

2:45 PM - 3:20 PM

Maximizing the Impact of Sustainability Research

Location: 145

Speaker: Benjamin Sovacool

2:45 PM - 4:00 PM

Water Sustainability and Environmental Justice

Location: 238

Speakers: Maxwell Perkins, Ame Min-Venditti, Bertha Hdz-Aguilar ; Speaker and Chair: Robbie Richardson

Coastal habitats improve disaster resilience in Puerto Rico

2:45 PM - 4:00 PM

Location: 238

Speaker: Maxwell Perkins

From páramo to huerta: Water as a site of community autonomy and identity in Bogotá

2:45 PM - 4:00 PM

Location: 238

Speaker: Ame Min-Venditti

Participatory approach as a tool for transforming the future of water in communities of Yucatán, Mex

2:45 PM - 4:00 PM

Location: 238

Speaker: Bertha Hdz-Aguilar

Te Mauri AIO - a traditional Māori healing approach to Cyclone Gabrielle

2:45 PM - 4:00 PM

Location: 238

Speaker: Robbie Richardson

2:45 PM - 4:00 PM

Learning to Close the Implementation Gap

Location: 250

Speakers: Drew Wilkinson, Robert Hobbins, Carla Ramsdell, Peat Leith ; Speaker and Chair: Lindsey MacDonald

How to Make Sustainability Part of Everybody's Job: Lessons Learned from Microsoft

2:45 PM - 4:00 PM

Location: 250

Speaker: Drew Wilkinson

Essential tensions in workforce training for urban sustainability

2:45 PM - 4:00 PM

Location: 250

Speaker: Robert Hobbins

"Digestible" climate education - science cooking demos

2:45 PM - 4:00 PM

Location: 250

Speaker: Carla Ramsdell

Embedding sustainability science in Australia's national science agency: Transferrable lessons

2:45 PM - 4:00 PM

Location: 250

Speaker: Peat Leith

Sustainability leadership competencies: practitioner view

2:45 PM - 4:00 PM

Location: 250

Speaker: Lindsey MacDonald

2:45 PM - 4:00 PM

Sustainability in Action

Location: 214

Speakers: Lelani Mannetti, Chad Dickson, Andrew Neil, Nikita Lad, Margaret Smith, Katelyn Rousch, Dong-Hoon Lee, Neha Sharma-Mascarenhas, Samuel Chng ; Chair: Rory Bakke

Transformative education for sustainability: Emergent trends and best practices

2:45 PM - 4:00 PM

Location: 214

Speaker: Lelani Mannetti

Trans-sectoral challenges in sustainable investment

2:45 PM - 4:00 PM

Location: 214

Speaker: Chad Dickson

Strategic Sustainability: Harnessing scorecards for success

2:45 PM - 4:00 PM

Location: 214

Speaker: Andrew Neil

Sustainability literacy, culture, and behaviors in higher ed

2:45 PM - 4:00 PM

Location: 214

Speaker: Nikita Lad

Change is possible -leading the sustainability revolution in America

2:45 PM - 4:00 PM

Location: 214

Speaker: Margaret Smith

Federal seed funds: Exciting projects leveraging the energy efficiency and conservation block grants

2:45 PM - 4:00 PM

Location: 214

Speaker: Katelyn Rousch

Zero-food waste by built-in automatic solid recovery system for sustainable high-rise apartment

2:45 PM - 4:00 PM

Location: 214

Speaker: Dong-Hoon Lee

Toward a circular economy: Exploring drivers of repair behaviour for electronics - Case of mobile phones

2:45 PM - 4:00 PM

Location: 214

Speaker: Neha Sharma-Mascarenhas

A Public-Private-People plus Academia (3P+A) approach to building net zero communities.

2:45 PM - 4:00 PM

Location: 214

Speaker: Samuel Chng

Scaling Ecosystem Services through Organic Agriculture Policy

2:45 PM - 4:00 PM

Location: 214

Speaker: Erica Martin

2:45 PM - 4:00 PM

Equity and Justice in Everyday Adaptations-Panel 1 (EACC)

Location: 307

Speakers: Zerihun Amare, Sechindra Vallury, Richard Marcantonio, Martha Cassidy-Neumiller ; Speaker and Chair: Chris Milne

Climate Change and Food Security Disparities through a Gender-Specific Lens: An Agroforestry Systems Analysis in Multiple Countries of Africa

2:45 PM - 4:00 PM

Location: 307

Speaker: Zerihun Amare

Social inequalities shape climate-induced migration

2:45 PM - 4:00 PM

Location: 307

Speaker: Sechindra Vallury

Everyday Environmental Peacebuilding

2:45 PM - 4:00 PM

Location: 307

Speaker: Richard Marcantonio

Addressing the 'Complex Loop': Hydro Diplomacy and Integrative Adaptations in the Lake Chad and Congo Basins

2:45 PM - 4:00 PM

Location: 307

Speaker: Martha Cassidy-Neumiller

Anthropocene as a Theme of Community Activity

2:45 PM - 4:00 PM

Location: 307

Speaker: Chris Milne

3:25 PM - 4:00 PM

Beyond the Resume: Essential Skills for Sustainability Job Seekers

Location: 145
Speaker: Mary McGillicuddy

4:15 PM - 5:30 PM

From Strategy to Action: King County's Green Jobs Movement

Location: 334
Speakers: Michael Carter, Rebeca Rivera

4:15 PM - 5:30 PM

Harnessing Biodiversity for a Thriving Sustainable Future

Location: 145
Speakers: Meghna Tare, Rachel Gallery, Jeannine Cavender-Bares, Franklin Carrero-Martinez

4:15 PM - 5:30 PM

Examining Regime Resistance to Sustainability Transitions

Location: 332
Speakers: Yiheyis Taddele Maru, Peat Leith, Edward Carr ; Speaker and Chair: Monica Contestabile

4:15 PM - 5:30 PM

From Critique to Re-envisioned Sustainabilities

Location: 250
Speakers: Jennifer Jo Thompson, Charles van Rees, Cory Struthers ; Speaker and Chair: Laura German

Re-thinking Fire

4:15 PM - 5:30 PM
Location: 250
Speaker: Laura German

Re-thinking Conservation

4:15 PM - 5:30 PM
Location: 250
Speaker: Cory Struthers

Re-Envisioning Sustainable Food Futures

4:15 PM - 5:30 PM
Location: 250
Speaker: Jennifer Jo Thompson

Re-thinking Infrastructure

4:15 PM - 5:30 PM
Location: 250
Speaker: Charles van Rees

4:15 PM - 5:30 PM

Human Health, Wellbeing, and Climate Justice

Location: 214
Speakers: Andreina Barajas Novoa, Daniel Bedford, Orlene Carlos, Sally Elfishawy, Louise Chaplin, Sola Kim, Bhoopander Giri ; Chair: Rory Bakke

An environmental study of the Bruce Brook flooding in Connecticut

4:15 PM - 5:30 PM
Location: 214
Speaker: Andreina Barajas Novoa

Spatial patterns of exposure to extreme heat in Ogden, Utah

4:15 PM - 5:30 PM
Location: 214
Speaker: Daniel Bedford

Biocultural conservation and the commons: exploring the synergies and tensions

4:15 PM - 5:30 PM
Location: 214
Speakers: Orlene Carlos, Candice Carr Kelman, Livia Ribeiro Cruz

Advancing a more sustainable agro-tourism

4:15 PM - 5:30 PM
Location: 214
Speaker: Sally Elfishawy

Amplifying voices: Engaging diverse populations in the Maine Climate Plan update

4:15 PM - 5:30 PM
Location: 214
Speaker: Louise Chaplin

Identifying environmental bias in large language models

4:15 PM - 5:30 PM
Location: 214
Speaker: Sola Kim

Fostering sustainable agriculture using microbial inoculants

4:15 PM - 5:30 PM
Location: 214
Speaker: Bhoopander Giri

4:15 PM - 5:30 PM

Accountability in Sustainability Practices

Location: 238

Speakers: Brandon Dickson, Sophia Carodenuto, Cao Yu, Christoph Haag ; Speaker and Chair: Stephanie A. Hanna

Sustainability priorities in university ranking submissions

4:15 PM - 5:30 PM

Location: 238

Speaker: Brandon Dickson

Keeping up with the sustainability leaders: Foreign corporate accountability legislation in Canada

4:15 PM - 5:30 PM

Location: 238

Speaker: Sophia Carodenuto

Evaluating mining MNC's social responsibility performance

4:15 PM - 5:30 PM

Location: 238

Speaker: Cao Yu

Decoupling economic growth from resource consumption: How to implement the European Green Deal on corporate level

4:15 PM - 5:30 PM

Location: 238

Speaker: Christoph Haag

Factors influencing sustainability practices in healthcare

4:15 PM - 5:30 PM

Location: 238

Speaker: Stephanie A. Hanna

4:15 PM - 5:30 PM

Sustainability Education

Location: 337

Speakers: Cindy Anderson, Peter Schulze, Meghann Jarchow, Charles Barnhart ; Speaker and Chair: Jessica Hellmann

Engineering for one planet: tools for change

4:15 PM - 5:30 PM

Location: 337

Speaker: Cindy Anderson

Predictable obstacles to sustainability progress

4:15 PM - 5:30 PM

Location: 337

Speaker: Peter Schulze

Aligning sustainability academics with student interests and employer needs

4:15 PM - 5:30 PM

Location: 337

Speaker: Meghann Jarchow

Interdisciplinary energy studies for the renewable energy transition

4:15 PM - 5:30 PM

Location: 337

Speaker: Charles Barnhart

Sustainability leadership certificate that combines policy, business and environmental science

4:15 PM - 5:30 PM

Location: 337

Speaker: Jessica Hellmann

4:15 PM - 5:30 PM

Supply Chains: Production, Innovation, Sustainability

Location: 340

Speakers: Joosung Lee, Ellen Holtmaat, Alexandra Mallett, Alan Jacobsen ; Speaker and Chair: Tripti Basant

Sustainable Technological Innovation of the Secondary Battery Industry

4:15 PM - 5:30 PM

Location: 340

Speaker: Joosung Lee

Living wage implementation gap in global supply chains: a study of global sustainable textile manufacturers

4:15 PM - 5:30 PM

Location: 340

Speaker: Ellen Holtmaat

Pathways for the Indian steel sector: Realizing low carbon industrial clusters through a place-based approach in eastern India

4:15 PM - 5:30 PM

Location: 340

Speaker: Alexandra Mallett

Supply Chains: Production, Innovation, Sustainability

4:15 PM - 5:30 PM

Location: 340

Speaker: Alan Jacobsen

Co-designing innovation pathways for transition to circular economy

4:15 PM - 5:30 PM

Location: 340

Speaker: Tripti Basant

4:15 PM - 5:30 PM

Equity and Justice in Everyday Adaptations-Panel 2 (EACC)

Location: 307

Speakers: Isabella de Carvalho Vallin, Mari Harder, Dane Carlson, Chris Milne ; Speaker and Chair: Rajiv Ghimire

Advancing Methodological Justice and Equity in Climate and Water Research: Innovations and Pathways for Sustainable Futures"

4:15 PM - 5:30 PM

Location: 307

Speakers: Chris Milne, Nancy Doubleday

Climate adaptation in a context of vulnerability: reflections on the power of the everyday agency of waste pickers in Brazil

4:15 PM - 5:30 PM

Location: 307

Speaker: Isabella de Carvalho Vallin

Articulating Shared Values: A Pathway to Equitable and Just Everyday Adaptations to Climate Change and Other Sustainable Challenges

4:15 PM - 5:30 PM

Location: 307

Speaker: Mari Harder

Design as Making Space for Everyday Adaptation

4:15 PM - 5:30 PM

Location: 307

Speaker: Dane Carlson

Climate and Energy Goals and the Hydro-led Energy Transition in Nepal

4:15 PM - 5:30 PM

Location: 307

Speaker: Rajiv Ghimire

5:30 PM - 7:30 PM

Opening Welcome Reception

Location: North Ballroom

5:30 PM - 7:30 PM

Poster Session

Location: North Ballroom

Speakers: AWAIS AHMED Brohi, Su-Ting Cheng, Suzanne Estes, Josefina Hajek Herrera, Owen Knight, Dong-Hoon Lee, Kazuma Matsuo, Tsubasa Sugitate, Ysabel Yu, Miranda Grice, Jeff Sharp, Pavithra Priyadarshini Selvakumar, Hana Kim, Radwa Eissa, Bahaa Chammout, Jiaxuan Xu, Giuliana Vinci, Hideyuki Sugioka, Alexander Barke, Jieshu Wang, Yunjing Li, Elizabeth Doran, Sharon Klein, Louise Chaplin, Tripti Basant, Yufei Zoe Ao, Yuting Xie, Nishka Sharma, Rajiv Ghimire, Kelly Burton, Masa Haraguchi, Daniel Bedford, Nayomi Cawthorne

Innovative Solutions for Environmental Sustainability: A Panel ARDL Study of Green Finance and Renew

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: AWAIS AHMED Brohi

A Life Cycle Inventory on Carbon Footprint in Plantations

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: Su-Ting Cheng

Indigenous Traditional Ecological & Cultural Knowledge at Portland State University

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: Suzanne Estes

Sustainable and Circular Public Procurement for Local Governments

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: Josefina Hajek Herrera

Building marine macro-microalgae consortia

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: Owen Knight

Zero-food waste by built-in automatic solid recovery system for sustainable high-rise apartment

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: Dong-Hoon Lee

Pump using electrical discharge for water sterilization

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: Kazuma Matsuo

Asymmetrical spiral structure pump in the boiling region

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: Tsubasa Sugitate

Transforming the concept of Walk Score for accessible design

6:30 PM - 7:30 PM

Location: North Ballroom

Speaker: Ysabel Yu

Recognizing value through adaptable building designs

6:30 PM - 7:30 PM

Location: North Ballroom
Speaker: Miranda Grice

Sustainability Competency, ePortfolios, and Career Readiness

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Jeff Sharp

U.S. University Campus Sustainability

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Pavithra Priyadarshini Selvakumar

Catalyzing Gender Equity in the Energy Sector

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Hana Kim

Raw Material Sourcing in LEED Projects: National Project Metrics and Industry Insights

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Radwa Eissa

Understanding the Drivers of Circular Economy Adoption in Construction: A Graph Theory Approach

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Bahaa Chammout

Connection to Nature: A review to clarify definitions, measures, and implementations

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Jiaxuan Xu

Environmental and economic assessment of agri-voltaic systems using Life Cycle Perspective

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Giuliana Vinci

Energy harvesting using boiling phenomena

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Hideyuki Sugioka

Linking SDGs and LCSA to evaluate technologies and products

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Alexander Barke

Using LLMs to Find Sustainability Capacities in Occupations

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Jieshu Wang

A Public-Private-People plus Academia (3P+A) Approach to Building Net Zero Communities.

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Yunjing Li

A Typology of Everyday Heat Health Behaviors and Implications for System Sustainability Across Scales

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Elizabeth Doran

Supporting community-led sustainable energy action through community-engaged research

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Sharon Klein

Amplifying Voices: Engaging diverse populations in the Maine Climate Plan update

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Louise Chaplin

Policy Memo: A Brief Analysis of California's Clean Car 4 All Program

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Tripti Basant

Conceptualization of a water footprint label (WaFL) for food in the United States

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Yufei Zoe Ao

Review on Research of Corporate Environmental, Social and Governance (ESG)

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Yuting Xie

Global Interactive Tool Communicating Health Impact of PM2.5

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Nishka Sharma

Equity and justice in carbon capture and storage: Case of Southeastern Michigan

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Rajiv Ghimire

Playing for change

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Kelly Burton

Decision-making in heat stress mitigation: a cross-cultural study of students in Japan and Malaysia

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Masa Haraguchi

Examining Urbanization and its Implications for Sustainable Development: Insights from China's Urban Growth Dynamics Abstracts:

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Wei-Qiang Chen

The Role of Communication in the Activation of Climate Resilience Hubs

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Nayomi Cawthorne

Spatial patterns of exposure to extreme heat in Ogden, Utah

6:30 PM - 7:30 PM
Location: North Ballroom
Speaker: Daniel Bedford

6:00 PM - 6:30 PM

Welcome Plenary Remarks

Location: North Ballroom

Tue, Sep 10, 2024

8:00 AM - 5:00 PM

NSS Conference Check in

Location: 213

8:00 AM - 9:00 AM

Student and Early Career Professional Breakfast Gathering

Location: North Ballroom
Speaker and Host: Nicole Ardoin, Christopher Boone ; Speakers: Benjamin Sovacool, Mary McGillicuddy, Meghan Chapple, Monica Contestabile

8:30 AM - 9:15 AM

Coffee Social

Location: Street

9:15 AM - 10:30 AM

Sustainability Careers

Location: North Ballroom
Speakers: Peggy Brannigan, Andres Henriquez, Edward Chu, Ellen Weinreb, Wesley Herche, Alice Reznickova ;
Chair: Christopher Boone

9:15 AM - 10:30 AM

Institutional Innovation for Municipal Green Infrastructure

Location: 332
Speakers: Bardia Heidari Haratmeh, Joni M Palmer, Heather Himmelberger

9:15 AM - 10:30 AM

Sustainable Market Trends in Construction

Location: 334
Speakers: Angi Rivera, Mark Chen ; Speaker and Chair: Marisa Zylkowski

9:15 AM - 10:30 AM

The Equity and Governance Implications of Geoengineering

Location: 145

Speakers: Billy Williams, Duncan McLaren ; Speaker and Chair: Benjamin Sovacool

Advancing an Ethical Framework for Climate Intervention Research – Issues and Opportunities

9:15 AM - 10:30 AM

Location: 145

Speaker: Billy Williams

Dangerous distraction or climate savior? Geoengineering and global sustainability.

9:15 AM - 10:30 AM

Location: 145

Speaker: Duncan McLaren

The sociotechnical dynamics of negative emissions, carbon removal, and solar geoengineering

9:15 AM - 10:30 AM

Location: 145

Speaker: Benjamin Sovacool

9:15 AM - 10:30 AM

Accreditation for Sustainability and Sustainability-Related Degrees

Location: 238

Speakers: Krista Hiser, Cindy Cooper, Cindy Anderson

9:15 AM - 10:30 AM

Sustainable Bioeconomies

Location: 337

Speakers: Bao Nguyen Quoc, Rosemary Randall, Rylie Pelton, Abdulmoseen Segun Giwa ; Speaker and Chair: Yuan Yao

Ocean-based micro-macroalgae cultivation: New approach for CO2 sequestration and biofuel production

9:15 AM - 10:30 AM

Location: 337

Speaker: Bao Nguyen Quoc

Biochar biofertilizers: Carbon storage from the ground up

9:15 AM - 10:30 AM

Location: 337

Speaker: Rosemary Randall

Spatial Greenhouse Gas Emissions of US Soybean Products

9:15 AM - 10:30 AM

Location: 337

Speaker: Rylie Pelton

Sustainable food waste treatment and the resource recovery

9:15 AM - 10:30 AM

Location: 337

Speaker: Abdulmoseen Segun Giwa

Sustainability-informed design for A carbon negative bioeconomy

9:15 AM - 10:30 AM

Location: 337

Speaker: Yuan Yao

9:15 AM - 10:30 AM

Navigating Values (Sustainability Transformations)

Location: 214

Speakers: Mary Lusk, Yanyan Huang, Deseret Weeks, Jenna Lamphere ; Speaker and Chair: James Patterson

Up in the Air and Down in the Water: Connections between air and water quality in an urban coastal environment and implications for sustainability policy

9:15 AM - 10:30 AM

Location: 214

Speaker: Mary Lusk

Articulating Shared Values: A Pathway for Sustainability Transformation

9:15 AM - 10:30 AM

Location: 214

Speaker: Yanyan Huang

Exploring Green Crime and Rationalization in the Rural Industrialized Water-Energy-Food Nexus

9:15 AM - 10:30 AM

Location: 214

Speaker: Deseret Weeks

Functional Dynamics Influencing Offshore Wind Deployment in the Texas Gulf Coast

9:15 AM - 10:30 AM

Location: 214

Speaker: Jenna Lamphere

Negotiating discord in sustainability transformations: Rethinking policy action in the face of fractious politics

9:15 AM - 10:30 AM

Location: 214

Speaker: James Patterson

9:15 AM - 10:30 AM

Current & Emerging Trends in Sustainable Supply Chains 1

Location: 340

Speakers: Timothy M. Smith, Zoe Schumm, Caitlin Grady, Elizabeth Doran ; Speaker and Chair: Jay Golden

Transparency for Sustainability: The New Supply Chain Imperative

9:15 AM - 10:30 AM

Location: 340

Speaker: Jay Golden

Achieving Net-Zero GHG Emissions Goals Across Multi-Tier Global Supply Chains

9:15 AM - 10:30 AM

Location: 340

Speaker: Timothy M. Smith

Tensions and transformations: Competing institutional logics and the creation of dynamic capabilities for creating circular supply chains

9:15 AM - 10:30 AM

Location: 340

Speaker: Zoe Schumm

Understanding the implications of United States industrial policy on supply chain sustainability: a case study on electric vehicles

9:15 AM - 10:30 AM

Location: 340

Speaker: Caitlin Grady

Decarbonizing Transportation Infrastructure in the Context of a Warming Climate

9:15 AM - 10:30 AM

Location: 340

Speaker: Elizabeth Doran

9:15 AM - 10:30 AM

Farmer knowledge, perceptions, and adaptations (EACC)

Location: 307

Speakers: Shah Fahad, Sofia Mardero, Yih Ren Lin ; Speaker and Chair: Snehalata Sainjoo

Farmers' awareness level and their perceptions of climate change: A case of Khyber Pakhtunkhwa province, Pakistan

9:15 AM - 10:30 AM

Location: 307

Speaker: Shah Fahad

Livelihood adaptations in the context of uncertainty and risk: understanding the perspectives of farmers across present day Belize

9:15 AM - 10:30 AM

Location: 307

Speaker: Sofia Mardero

Millet Ark: A Resilient Livelihood Case from Taiwan's Indigenous people to Respond Climate Change

9:15 AM - 10:30 AM

Location: 307

Speaker: Yih Ren Lin

Perception and Response: Drought Risk Assessment in Irrigated and Flood-pulse Communities, Cambodia

9:15 AM - 10:30 AM

Location: 307

Speaker: Snehalata Sainjoo

10:45 AM - 12:00 PM

Bio-based Fuels and Chemicals for a Low-Carbon Economy

Location: 332

Speakers: Dane Camenzind, Corinne Fuller, Peter Valdez, Richard Gustafson, Esther Parish ; Chair: Indroneil Ganguly, Francesca Pierobon

Industrial decarbonization in the U.S. – a perspective

10:45 AM - 12:00 PM

Location: 332

Speaker: Corinne Fuller

An Inconvenient Truth: Why the economics of making jet fuel from biomass is so awful

10:45 AM - 12:00 PM

Location: 332

Speaker: Richard Gustafson

Drivers of Current Biofuels Development and Opportunities for the Future

10:45 AM - 12:00 PM

Location: 332

Speaker: Dane Camenzind

Advancing towards scale-up, developments in hydrothermal liquefaction of biomass at Pacific Northwest National Laboratory

10:45 AM - 12:00 PM

Location: 332

Speaker: Peter Valdez

Transitions from fossil energy to bioenergy: Evaluating socio-economic impacts to avoid burdens on disadvantaged and rural communities

10:45 AM - 12:00 PM

Location: 332

Speaker: Esther Parish

10:45 AM - 12:00 PM

Universities and Nonprofits Collaborating for Innovation and Impact

Location: North Ballroom

Speakers: Judy Braus, Maria DiGiano, Mary Ruckelshaus, Julie Vano, Rachele Gould ; Chair: Nicole Ardoin, Cassie Rauser

10:45 AM - 12:00 PM

Community Science in Cumulative Impacts Analysis

Location: 334

Speakers: Eri Saikawa, Amanda Fencel (She/They), Alexa Dietrich ; Speaker and Chair: Samuel Kay

10:45 AM - 12:00 PM

Translating Science into Impact for Sustainability

Location: 145

Speakers: Laura Forni, Charlotte Wagner, Derik Broekhoff, Robert Bailis ; Chair: Edward Carr

Bridging Science to Impact: SEI-US Water Program's Journey from Research to Action

10:45 AM - 12:00 PM

Location: 145

Speaker: Laura Forni

Title: Shaping Sustainable Energy Policy through a Dual Focus on Cutting Edge Research and Stakeholder Engagement

10:45 AM - 12:00 PM

Location: 145

Speaker: Charlotte Wagner

Influencing UNFCCC negotiations through research on fossil fuel supply and transitions

10:45 AM - 12:00 PM

Location: 145

Speaker: Derik Broekhoff

Using research to support the co-development of effective policy instruments to foster clean cooking technologies

10:45 AM - 12:00 PM

Location: 145

Speaker: Robert Bailis

10:45 AM - 12:00 PM

Linking Environmental and Human Well-Being

Location: 337

Speakers: Yusuf Jameel, Taylor Ricketts, Nishka Sharma, Alexander Barke ; Speaker and Chair: Christine Pu

From Silos to Synergy: Uniting Climate Action, Biodiversity Conservation, and Human Well-Being for a Resilient Future

10:45 AM - 12:00 PM

Location: 337

Speaker: Yusuf Jameel

Forests, global change, and children's health

10:45 AM - 12:00 PM

Location: 337

Speaker: Taylor Ricketts

Global Interactive Tool Communicating Health Impact of PM2.5

10:45 AM - 12:00 PM

Location: 337

Speaker: Nishka Sharma

Linking SDGs and LCSA to evaluate technologies and products

10:45 AM - 12:00 PM

Location: 337

Speaker: Alexander Barke

How poverty is measured impacts who gets classified as poor

10:45 AM - 12:00 PM

Location: 337

Speaker: Christine Pu

10:45 AM - 12:00 PM

Sustainability Transformations: Theory and Transdisciplinarity

Location: 214

Speakers: Edward W. Sarath, Rosalind Yunibandhu, Michail Fragkias ; Speaker and Chair: William Clark

Integrating environmental and technological perspectives to promote sustainability transitions

10:45 AM - 12:00 PM

Location: 214

Speaker: William Clark

Improvisatory Ecologies: Jazz, Consciousness and Integral Sustainability

10:45 AM - 12:00 PM

Location: 214

Speaker: Edward W. Sarath

Deep leverage: A theory of regenerative mindset development

10:45 AM - 12:00 PM

Location: 214

Speaker: Rosalind Yunibandhu

Urban sustainability transformations and the complexity science-practice interface

10:45 AM - 12:00 PM

Location: 214

Speaker: Michail Fragkias

10:45 AM - 12:00 PM

Emerging Trends in Sustainable Supply Chains 2: Human Rights, Informatics and Blockchain.

Location: 340

Speakers: Samantha Velluti, Emma Bowick, Michael Short, Michelle Miller, Nnamdi Nwulu ; Chair: Jay Golden

Through the Looking-Glass: the EU Corporate Sustainability Due Diligence Directive and Forced Labour Regulation in Improving Workers' Rights in Global Supply Chains

10:45 AM - 12:00 PM

Location: 340

Speaker: Samantha Velluti

Perspectives on Mandatory Human Rights and Environmental Due Diligence Legislation: A Case Study of the Canadian Coffee Sector

10:45 AM - 12:00 PM

Location: 340

Speaker: Emma Bowick

Challenges and opportunities related to the digitalisation of supply chains for the UK automotive sector

10:45 AM - 12:00 PM

Location: 340

Speaker: Michael Short

Food System Informatics

10:45 AM - 12:00 PM

Location: 340

Speaker: Michelle Miller

Blockchain Technology in Sustainable Supply Chains: Feasibility Study of the Limpopo Emerging Agro-Processors Shared Facility

10:45 AM - 12:00 PM

Location: 340

Speaker: Nnamdi Nwulu

10:45 AM - 12:00 PM

Everyday Adaptations in Agriculture (EACC)

Location: 307

Speakers: Corinne Valdivia, Olivier Dangles, Kate Gannon, Kurt Waldman ; Speaker and Chair: Netra Chhetri

Adaptations and Sustainability in Andean Socio-Ecological Systems

10:45 AM - 12:00 PM

Location: 307

Speaker: Corinne Valdivia

Tapping into farmers' bounty to adapt to climate change

10:45 AM - 12:00 PM

Location: 307

Speaker: Olivier Dangles

Everyday adaptation in the UK wine sector.

10:45 AM - 12:00 PM

Location: 307

Speaker: Kate Gannon

No room for error: What satellite data should be teaching us about smallholder decision making

10:45 AM - 12:00 PM

Location: 307

Speaker: Kurt Waldman

Clumsy solution to wicked problem of climate adaptation in the Himalayas

10:45 AM - 12:00 PM

Location: 307

Speaker: Netra Chhetri

11:25 AM - 12:00 PM	<p>Design Sustainability: Mapping Environmental Design Studies Location: 238 Speaker: Julie Johnson</p>
12:00 PM - 12:25 PM	<p>Lunch Location: Street</p>
12:30 PM - 1:30 PM	<p>Plenary Keynote Presentation: The Drawdown Roadmap: A Hopeful, Science-Based Plan to Address Climate Change Location: North Ballroom Speaker: Jonathan Foley</p>
1:45 PM - 3:00 PM	<p>Learner-to-Learner: Enterprise-Based Sustainability Education Location: 334 Speakers: April Furin, Laura McGeary ; Speaker and Chair: Janna Goebel</p>
1:45 PM - 3:00 PM	<p>Are we Ready? Competencies for Between Times Location: 332 Speakers: Vivian Forssman, Adam Lerner</p>
1:45 PM - 3:00 PM	<p>What are Your Favorite Sports Teams Doing to Protect Planet Earth? Location: 145 Speakers: Roger McClendon, Brandon Hamilton, Brianna Treat ; Chair: Edward Chu</p>
1:45 PM - 2:20 PM	<p>Next Level Frameworks in Sustainability Education: Personal, Place-Based, and Planetary—A Holistic Location: 238 Speaker: Miku Lenentine</p>
1:45 PM - 3:00 PM	<p>Sustainability on Farms and across Landscapes Location: 337 Speakers: Jack L. Harris, Wasi Ul Hassan Shah, Pooja Choksi ; Speaker and Chair: Esteve Giraud</p> <div style="border-left: 1px solid black; padding-left: 10px; margin-top: 10px;"> <p>Lessons for sustainability innovation from Scotland 1:45 PM - 3:00 PM Location: 337 Speaker: Jack L. Harris</p> <p>Agricultural land utilization efficiency evaluation in China 1:45 PM - 3:00 PM Location: 337 Speaker: Wasi Ul Hassan Shah</p> <p>Trees Outside Forests: What We Know, What We Think We Know and What We Don't Know 1:45 PM - 3:00 PM Location: 337 Speaker: Pooja Choksi</p> <p>Implementing the Transition to Organic Partnership Program 1:45 PM - 3:00 PM Location: 337 Speaker: Esteve Giraud</p> </div>

1:45 PM - 3:00 PM

Sustainability Transformations - Supporting Human Well-Being

Location: 214

Speakers: Uma Baysal, Zachary Pousak, Rajasekhar Balasubramanian, Victoria Ramenzoni, Hayley Joyell Smith ;
Speaker and Chair: Marisa Manheim

Measuring Sustainable Human Wellbeing

1:45 PM - 3:00 PM

Location: 214

Speaker: Uma Baysal

Detroit Therapy Forest: Fostering environmental and social resilience in a post-industrial city

1:45 PM - 3:00 PM

Location: 214

Speaker: Zachary Pousak

Health benefits of exposure to urban greenery: an interdisciplinary study

1:45 PM - 3:00 PM

Location: 214

Speaker: Rajasekhar Balasubramanian

Just and Equitable Transformations in the Northeast U.S.: a future for whom?

1:45 PM - 3:00 PM

Location: 214

Speaker: Manasa Bollempalli

Preliminary Findings from Accelerating Source Separation for Equitable Transitions (ASSETs)

1:45 PM - 3:00 PM

Location: 214

Speakers: Marisa Manheim, Hayley Joyell Smith

1:45 PM - 3:00 PM

Data for Sustainability: Limitations and Challenges

Location: 340

Speakers: Jeremy Tamanini, Nabin Pradhan ; Speaker and Chair: Alisa Bonsignore

The AI elephant in the room: Energy & resource use

1:45 PM - 3:00 PM

Location: 340

Speaker: Jeremy Tamanini

Mapping finer scale wealth inequality using machine learning and remotely sensed data

1:45 PM - 3:00 PM

Location: 340

Speaker: Nabin Pradhan

Measuring and mitigating the carbon impact of data

1:45 PM - 3:00 PM

Location: 340

Speaker: Alisa Bonsignore

1:45 PM - 3:00 PM

Everyday Adaptations and Forests (EACC)

Location: 307

Speakers: Sheri Andrews-Key, Rachel Mitchell, Deborah January-Bevers, Ilga Porth ; Speaker and Chair: Ryan Bullock

Bridging the Gap: Adaptation in Action Canadian Forest Sector

1:45 PM - 3:00 PM

Location: 307

Speaker: Sheri Andrews-Key

Native Plant Materials and the UN Decade on Ecological Restoration: A Sustainability Challenge and Opportunity

1:45 PM - 3:00 PM

Location: 307

Speaker: Rachel Mitchell

Targeted nature-based infrastructure framework for large-scale native tree plantings and bioswales for ecosystem services enhancements in urban and industrial areas to improve climate adaptations, air and water pollution, health, and urban heat in vulnerab

1:45 PM - 3:00 PM

Location: 307

Speaker: Deborah January-Bevers

Nature-based solutions: efficient genomics-based 'end-to-end' selective tree breeding framework helps in shaping future forests

1:45 PM - 3:00 PM

Location: 307

Speaker: Ilga Porth

Maximizing Pathways to Forest Sector Adaptation by Reducing Barriers for Small Enterprise

1:45 PM - 3:00 PM

Location: 307

Speaker: Ryan Bullock

2:25 PM - 3:00 PM

Start Social: Discussion Guide for Transdisciplinary Collabs

Location: 238

Speakers: Alder Keleman Saxena, M. Jahi Johnson-Chappell, Jennifer Lee Johnson

3:15 PM - 4:30 PM

The Future of the Energy Workforce: Identifying and Addressing Gaps in the Clean Energy Workforce

Location: 334

Speakers: Tatiana Bruce da Silva, Philip Jordan, Nikki Luke, Erin Mayfield ; Chair: Kristin Wegner Guilfoyle

3:15 PM - 4:30 PM

AI and Sustainability

Location: North Ballroom

Speakers: Eusebio Scornavacca, Travis McCoy, Amy Luers ; Chair: Christopher Boone

3:15 PM - 4:30 PM

What makes a difference? Teaching community engagement

Location: 145

Speakers: Leah Mundell, Alder Keleman Saxena, Nora Timmerman, Lissy Goralnik, Lindsey Falkenburg ; Speaker and Chair: Jennifer Lee Johnson

Community Partnerships as Pedagogy: Best Practices for Navigating Tensions in Needs, Power, Time, and Purpose

3:15 PM - 4:30 PM

Location: 145

Speakers: Leah Mundell, Lindsey Falkenburg, Nora Timmerman

A “Bite-Sized-Chunk” vs. “Seeing the System”: Teaching social theory for community engagement

3:15 PM - 4:30 PM

Location: 145

Speaker: Alder Keleman Saxena

Student activist spaces as sites for community collaboration and strategic action

3:15 PM - 4:30 PM

Location: 145

Speaker: Nora Timmerman

Contemplative Practice and Resilience: Pedagogies to Support Sustainable Sustainability Practice

3:15 PM - 4:30 PM

Location: 145

Speaker: Lissy Goralnik

Teaching and doing community engagement without leaving the classroom

3:15 PM - 4:30 PM

Location: 145

Speaker: Jennifer Lee Johnson

3:15 PM - 3:50 PM

Best Practices for Researcher-Community Co-developed Microgrids

Location: 238

Speaker: Sharon Klein

3:15 PM - 4:30 PM

Sustainable Cities

Location: 337

Speakers: Anthony Larsson, Mark Roseland, Yichun Xie ; Speaker and Chair: Amy Lerner

15 Minute City

3:15 PM - 4:30 PM

Location: 337

Speaker: Anthony Larsson

Community capital dashboards and digital twins for sustainable cities

3:15 PM - 4:30 PM

Location: 337

Speaker: Mark Roseland

Cognizing urban land change dynamics for sustainability

3:15 PM - 4:30 PM

Location: 337

Speaker: Yichun Xie

Reconciling housing and agriculture in expanding metro areas

3:15 PM - 4:30 PM

Location: 337

Speaker: Amy Lerner

3:15 PM - 4:30 PM

Sustainability Transformations - Frameworks and Assessments

Location: 214

Speakers: Garry Sotnik, Danielle Wood, Livia Madureira, Fabio Voss, Allen Thompson

A Socio-Technical Systems Perspective on California's Pursuit of Energy Sustainability

3:15 PM - 4:30 PM

Location: 214

Speaker: Garry Sotnik

Facilitating global urban assessment through social data proxies

3:15 PM - 4:30 PM

Location: 214

Speaker: Danielle Wood

Integrated Assessment Framework for Socio-Ecological Trade-offs in Agroecological Transitions

3:15 PM - 4:30 PM

Location: 214

Speaker: Livia Madureira

Sustainability as Adaptive Ecosystem Management: the Case of Novel Ecosystems

3:15 PM - 4:30 PM

Location: 214

Speaker: Allen Thompson

In-depth analysis of Energy Earthshots Initiative's governance frame-work

3:15 PM - 4:30 PM

Location: 214

Speakers: Fabio Voss, Antón Freire Varela

3:15 PM - 4:30 PM

Technologies for Sustainability

Location: 340

Speakers: Kazuma Matsuo, Zhaozhe Chen, Philipp Hoefele, Joshua Thompson ; Speaker and Chair: Chuan Liao

Sustainable water transportation using blinking light

3:15 PM - 4:30 PM

Location: 340

Speaker: Kazuma Matsuo

Artificial floating islands for water quality improvement

3:15 PM - 4:30 PM

Location: 340

Speaker: Zhaozhe Chen

Ethical issues in sustainable bioinspired technologies

3:15 PM - 4:30 PM

Location: 340

Speaker: Philipp Hoefele

Exploring renewable energy solutions in the Democratic Republic of the Congo

3:15 PM - 4:30 PM

Location: 340

Speaker: Joshua Thompson

Potential acceleration of scaling up enhanced rock weathering due to climate change based on historical and regional analogs

3:15 PM - 4:30 PM

Location: 340

Speaker: Chuan Liao

3:15 PM - 4:30 PM

Adaptive capacity of marginalized and vulnerable groups (EACC)

Location: 307

Speakers: Crystal Tremblay, Brianna Castro, Abigail Andre, Martha Lerski ; Speaker and Chair: Maya Negev

Enduring Adaptation: Maasai Resilience in the Face of Climate Change

3:15 PM - 4:30 PM

Location: 307

Speaker: Crystal Tremblay

Climate Change at the Margins of the Megacity: Informal Settlements' Everyday Adaptation Infrastructures

3:15 PM - 4:30 PM

Location: 307

Speaker: Brianna Castro

Resilience Justice: Disaster Readiness in Marginalized Communities

3:15 PM - 4:30 PM

Location: 307

Speaker: Abigail Andre

Conflicting Policies on Environmental Management and the Risk for Women's Role in Innovation and Socio-economic Production in Tanzania

3:15 PM - 4:30 PM

Location: 307

Speaker: Martha Lerski

Everyday adaptation across vulnerabilities: a national study

3:15 PM - 4:30 PM

Location: 307

Speaker: Maya Negev

3:55 PM - 4:30 PM **Communicating in the Public Interest**
Location: 238
Speaker: Julie Hanus (she/her)

4:45 PM - 5:45 PM **Plenary NSS Feedback Session**
Location: North Ballroom

6:00 PM - 9:00 PM **Seattle Block Party Social Event**
Location: Lawn

Wed, Sep 11, 2024

8:00 AM - 5:00 PM **NSS Conference Check in**

8:30 AM - 9:15 AM **Coffee Social**
Location: Street

9:15 AM - 10:30 AM **Weaving Indigenous and Western Knowledge Systems in STEM for Sustainability Education**
Location: 334
Speakers: Miku Lenentine, Lomani Rova, Summer Wilkie ; Chair: Krista Hiser

9:15 AM - 10:30 AM **The Power of Experiential Learning and Immersive Experiences in Sustainability Workforce Development**
Location: 332
Speakers: Timothy Billo, Patrick Sean McDonald, Kristi Straus, Yen-Chu Weng, Eli Wheat ; Speaker and Chair: Lubna Alzaroo

9:15 AM - 10:30 AM **Capacity Building for Sustainable Development: Challenges and Opportunities**
Location: North Ballroom
Speaker: Mary Ruckelshaus ; Speaker and Chair: Alicia Harley

9:15 AM - 9:55 AM **Do our Relationships Determine our Future? Let's Chat.**
Location: 238
Speaker: Laura McGearry

9:15 AM - 10:30 AM **Financing Sustainability**
Location: 145
Speakers: Sean Chu, Kuishuang Feng ; Speaker and Chair: Erskine Faush

Economics of insetting

9:15 AM - 10:30 AM
Location: 145
Speaker: Sean Chu

Bridging divides for a just future: Advancing low carbon transition while reducing inequality

9:15 AM - 10:30 AM
Location: 145
Speaker: Kuishuang Feng

Public and Private Partnerships Empowering the Future of Work in Energy and Sustainability.

9:15 AM - 10:30 AM
Location: 145
Speaker: Erskine Faush

9:15 AM - 10:30 AM

Sustainability and Climate Education

Location: 340

Speakers: Narcisa Pricope, Jieshu Wang, Susila Bhagavathula, Bryce Coon ; Speaker and Chair: Candice Carr Kelman

Advancing climate resilience: A model for sustainable workforce

9:15 AM - 10:30 AM

Location: 340

Speaker: Narcisa Pricope

Latent workforce capacities for heat solutions in Arizona,using LLMs to find sustainability capacity

9:15 AM - 10:30 AM

Location: 340

Speaker: Jieshu Wang

Qualifications needed for a global sustainability workforce

9:15 AM - 10:30 AM

Location: 340

Speaker: Susila Bhagavathula

The call for climate education

9:15 AM - 10:30 AM

Location: 340

Speaker: Bryce Coon

Graduate Sustainability Leadership Training - a university network approach

9:15 AM - 10:30 AM

Location: 340

Speaker: Candice Carr Kelman

9:15 AM - 10:30 AM

Toward Just Resilience

Location: 337

Speakers: Ketty Loeb, Maggie Zarekarizi, Gupteswara Padhy, Kandake Wallace

Risk Perception and Policy Preferences Among Policymakers in Hawaii

9:15 AM - 10:30 AM

Location: 337

Speaker: Ketty Loeb

Climate Risk Assessment & Benchmark (CRAB): Framework for Extreme Events in a Changing Climate

9:15 AM - 10:30 AM

Location: 337

Speaker: Maggie Zarekarizi

New Delhi's Air Crisis: A Call for Sustainable Solutions

9:15 AM - 10:30 AM

Location: 337

Speaker: Gupteswara Padhy

Storm-related power outage impacts in deep south communities

9:15 AM - 10:30 AM

Location: 337

Speaker: Kandake Wallace

9:15 AM - 10:30 AM

Frameworks for Sustainability Collaborations

Location: 214

Speakers: Joohee Lee, Amanda Sardonis, Anna Tinoco-Santiago, Kari McLeod, Joanne Stone ; Speaker and Chair: Jeremy Brooks

Envisioning a climate cooperation justice framework

9:15 AM - 10:30 AM

Location: 214

Speaker: Joohee Lee

Cross sector partnerships for sustainability: Adaptation as a pathway for effectiveness

9:15 AM - 10:30 AM

Location: 214

Speaker: Amanda Sardonis

The Science Collaboratory- Addressing Local-to-Global Issues

9:15 AM - 10:30 AM

Location: 214

Speaker: Anna Tinoco-Santiago

Bringing agility to the wicked problems of sustainability

9:15 AM - 10:30 AM

Location: 214

Speakers: Kari McLeod, Joanne Stone

Cultural evolution as a lens for sustainability science

9:15 AM - 10:30 AM

Location: 214

Speaker: Jeremy Brooks

10:45 AM - 12:00 PM

Preparing the Workforce: Justice, Equity, Diversity, & Inclusion in Sustainability Higher Education

Location: 145

Speakers: Arun Agrawal, Anne Kapuscinski, Christopher Boone ; Speaker and Chair: Garrick Louis

10:45 AM - 12:00 PM

Partners in Progress: University-Industry Collaborations, Boundary Orgs for Sustainable Solutions

Location: 334

Speakers: Patrick Beary, Jessica Hellmann, Dave White ; Chair: Ben Packard

10:45 AM - 12:00 PM

Cover Crops for Cleaner Skies

Location: 332

Speakers: Esther Parish, Daniel Jacobson, JunHyung Lee, Aye Meyer ; Speaker and Chair: Kazi Ullah

Status and prospects for using winter oilseeds to produce sustainable aviation fuel

10:45 AM - 12:00 PM

Location: 332

Speaker: Esther Parish

Carbon Credits to Farmers for Viability of Sustainable Aviation Fuel

10:45 AM - 12:00 PM

Location: 332

Speaker: Kazi Ullah

Pennycress Systems Biology: Developing Bioenergy Cover Crops for a Sustainable Future

10:45 AM - 12:00 PM

Location: 332

Speaker: Daniel Jacobson

Microbial Allies for a Greener Future: Enhancing Bioenergy Feedstock with Beneficial Microbes

10:45 AM - 12:00 PM

Location: 332

Speaker: JunHyung Lee

Life Cycle Assessment of Sustainable Aviation Fuel from Cover Crops

10:45 AM - 12:00 PM

Location: 332

Speaker: Aye Meyer

10:45 AM - 12:00 PM

Urban Water Issues

Location: 214

Speakers: Bruce J Godfrey, Adam Wiechman, Alanna Hildebrandt ; Speaker and Chair: Elizaveta Litvak

Efficient nitrogen reduction for municipal wastewater

10:45 AM - 12:00 PM

Location: 214

Speaker: Bruce J Godfrey

Institutions and the robustness of urban water systems

10:45 AM - 12:00 PM

Location: 214

Speaker: Adam Wiechman

Investigating turf infill for tire derived antidegradant transformation products

10:45 AM - 12:00 PM

Location: 214

Speaker: Alanna Hildebrandt

Water efficient landscapes for urban sustainability

10:45 AM - 12:00 PM

Location: 214

Speaker: Elizaveta Litvak

10:45 AM - 12:00 PM

Tools for Sustainability Collaborations

Location: 340

Speakers: Andrew Cowell, Season Martin, Meghan Shea ; Speaker and Chair: Jeffrey Bielicki

Angaza Africa: Technical and community engagement case study

10:45 AM - 12:00 PM

Location: 340

Speaker: Andrew Cowell

The Colorado River Basin Post-2026 Operations Exploration Tool: Connecting Policymakers and Stakeholders Through a Web-Based Decision-Support Platform

10:45 AM - 12:00 PM

Location: 340

Speaker: Season Martin

Successes and challenges of environmental DNA as a tool for community science

10:45 AM - 12:00 PM

Location: 340

Speaker: Meghan Shea

Facilitating Local Electrified Energy and Transportation Services for All (FLEETS for All)

10:45 AM - 12:00 PM

Location: 340

Speaker: Jeffrey Bielicki

10:45 AM - 12:00 PM

Sustainable and Just Food Systems

Location: 238

Speakers: Christopher Bacon, Datu Buyung Agusdinata, Mark Lundy, Mike Hogan

Toward a justice approach to emergency food assistance and food waste

10:45 AM - 12:00 PM

Location: 238

Speaker: Christopher Bacon

Social business solution to Apache tribe nutrition security

10:45 AM - 12:00 PM

Location: 238

Speakers: Datu Buyung Agusdinata, Orlene Carlos

Nitrogen nutrition index for global N2O emissions monitoring

10:45 AM - 12:00 PM

Location: 238

Speaker: Mark Lundy

Training Tomorrow's Master Urban Farmers

10:45 AM - 12:00 PM

Location: 238

Speaker: Mike Hogan

Lessons for transition to a sustainable food system from the Odisha Millets Mission

10:45 AM - 12:00 PM

Location: 238

10:45 AM - 12:00 PM

Commoning as Process (CCSC)

Location: 307

Speakers: Edurne Bagué, Leslie Paul Thiele, Erin Gally ; Speaker and Chair: Jill Philine Blau

OAT, Commons as theoretical-practical initiative for socio institutional transformation

10:45 AM - 12:00 PM

Location: 307

Speaker: Edurne Bagué

Complex Adaptive Systems and the Attributes of Commoning

10:45 AM - 12:00 PM

Location: 307

Speaker: Leslie Paul Thiele

Environmental Civic Science: Developing skills and commitments to commoning in youth

10:45 AM - 12:00 PM

Location: 307

Speaker: Erin Gally

Patterns of commoning at the intersection of being together and sustaining fai(rer) relationships

10:45 AM - 12:00 PM

Location: 307

Speaker: Jill Philine Blau

Agricultural Commoning in the U.S. Upper Midwest

10:45 AM - 12:00 PM

Location: 307

Speaker: Gary Hampton

10:45 AM - 11:20 AM

Suquamish Tribe and Sustainability

Location: 337

Speaker: Leonard Forsman ; Speaker and Chair: Edward Chu

11:25 AM - 12:00 PM

Staying with the Trouble': Environmental Literature and other Stories for Sustainability

Location: 337

Speaker: Arlene Plevin

12:00 PM - 12:25 PM

Lunch

Location: Street

12:30 PM - 1:30 PM

Plenary Keynote Presentation: Toward Just Sustainabilities

Location: North Ballroom

Speaker: Julian Agyeman

1:45 PM - 3:00 PM

Leveraging Local Government: Lessons from King County's Sustainability and Climate Leadership

Location: 332

Speakers: Marissa Aho, Lara Whitely Binder, Michael Carter, Carrie Lee, Vicky Raya ; Chair: Bradley Kramer

1:45 PM - 3:00 PM

Research Frontiers for Industrial Decarbonization

Location: 334

Speakers: Adam Warren, Sridhar Seetharaman ; Speaker and Chair: Benjamin Sovacool

1:45 PM - 3:00 PM

Future of Sustainability and Transformative Change

Location: 145

Speakers: William Clark, Nancy Grimm, Billie Turner ; Speaker and Chair: Arun Agrawal

1:45 PM - 3:00 PM

Applied Sustainable Projects to Enhance Community Impacts

Location: 214

Speakers: Julia Davis, Alison Almand, Christopher Boone ; Speaker and Chair: Anne Reichman

1:45 PM - 3:00 PM

Methods and Data for Everyday Adaptations (EACC)

Location: 238

Speakers: Riccardo Boero, Waheed Ullah, Martin Prowse ; Speaker and Chair: Marcela Brugnach

A Quantitative Model of Endogenous Climate Adaptation: Data Challenges, Validation, and Applications

1:45 PM - 3:00 PM

Location: 238

Speaker: Riccardo Boero

The South Asian heat waves as a function of the hemispheric Rossby waves and land surface processes

1:45 PM - 3:00 PM

Location: 238

Speaker: Waheed Ullah

Measuring Everyday Adaptation

1:45 PM - 3:00 PM

Location: 238

Speaker: Martin Prowse

Using behavioural simulations to address uncertainty in climate change adaptation: the case of the Mijares River Basin in Spain

1:45 PM - 3:00 PM

Location: 238

Speaker: Marcela Brugnach

1:45 PM - 3:00 PM

Nature-Based Solutions and Sustaining Nature

Location: 340

Speakers: Sam Reed, Phillip Levin, Mengqi Shao, Doug Walters ; Speaker and Chair: Nataliya Apanovich

The private sector's public commitments and actions on biodiversity: An analysis of Fortune 500 companies in the U.S. Midwest

1:45 PM - 3:00 PM

Location: 340

Speaker: Sam Reed

The first-ever US National Nature Assessment

1:45 PM - 3:00 PM

Location: 340

Speaker: Phillip Levin

Evaluating state-led NbS in facilitating just transitions in resource-based cities

1:45 PM - 3:00 PM

Location: 340

Speaker: Mengqi Shao

LA's newest Olympic sport: protecting and enhancing biodiversity

1:45 PM - 3:00 PM

Location: 340

Speaker: Doug Walters

The role of nature-based solutions in addressing socio-ecological challenges: a case study of a university-community partnership in Tucson, Arizona

1:45 PM - 3:00 PM

Location: 340

Speaker: Nataliya Apanovich

1:45 PM - 3:00 PM

Narrative and Governance Approaches

Location: 337

Speakers: Trisha Shrum, P.J. Tillmann, Monica Bhatia ; Speaker and Chair: Shelie Miller

The shape of climate stories to catalyze engagement

1:45 PM - 3:00 PM

Location: 337

Speaker: Trisha Shrum

Better governance to close the climate implementation gap

1:45 PM - 3:00 PM

Location: 337

Speaker: P.J. Tillmann

Democracies of Food and Labor: Sustainability and Equity in Three Ecological Intentional Communities

1:45 PM - 3:00 PM

Location: 337

Speaker: Monica Bhatia

The Need to Resurrect the “Technology Won’t Save Us” Narrative

1:45 PM - 3:00 PM

Location: 337

Speaker: Shelie Miller

1:45 PM - 3:00 PM

Commoning towards Commons (CCSC)

Location: 307

Speakers: Sarah DeLano, Carlos Bopp, Junaid Alam Memon, Fabio Corbisiero ; Speaker and Chair: Jessica Jenkins

Recipes as Commons

1:45 PM - 3:00 PM

Location: 307

Speaker: Sarah DeLano

Climate change and common water management: The role of irrigators organizations on adaptation

1:45 PM - 3:00 PM

Location: 307

Speaker: Carlos Bopp

Power to the People: Commoning for Renewable Energy Revolution in Northern Pakistan

1:45 PM - 3:00 PM

Location: 307

Speaker: Junaid Alam Memon

Participatory Governance of Urban Commons in Naples: Analyzing Democratic Participation and Ecological Transition

1:45 PM - 3:00 PM

Location: 307

Speaker: Fabio Corbisiero

Using Archaeology to Consider the Long-Term Process of Commoning in North America’s Chesapeake Region

1:45 PM - 3:00 PM

Location: 307

Speaker: Jessica Jenkins

3:15 PM - 4:30 PM

Tools for Utilities to Facilitate Decarbonization

Location: 214

Speakers: Dan Livengood, Jamie Dunckley ; Speaker and Chair: Gregory Rouse

3:15 PM - 4:30 PM

Research to Policy: National Academies Sustainability Roundtable

Location: 145

Speakers: Shefali Mehta, Marilu Hastings, Jeff Martin ; Chair: Franklin Carrero-Martinez, Emi Kameyama

3:15 PM - 4:30 PM

Case Study: Using Academia and Sustainable Open Innovation

Location: 334

Speakers: George Basile, Satoshi Shimono, Stormy Light ; Speaker and Chair: April Deckert

3:15 PM - 3:50 PM

ESG as the Catalyst for Innovation

Location: 337

Speaker: Kelly Burton

3:15 PM - 4:30 PM

Sustainable Transportation

Location: 238

Speakers: Sean Hastings, Brittney Breen, Marco Ruggeri, Hideyuki Sugioka ; Speaker and Chair: Anil (Andy) Hira

Vessel speed reduction to protect blue whales & blue skies

3:15 PM - 4:30 PM

Location: 238

Speaker: Sean Hastings

Let's get to work - Electric vehicle adoption leadership

3:15 PM - 4:30 PM

Location: 238

Speaker: Brittney Breen

Transportation decarbonization strategies: Evaluation of sustainable aviation fuels using life cycle assessment

3:15 PM - 4:30 PM

Location: 238

Speaker: Marco Ruggeri

Water transportation using a periodic temperature gradient

3:15 PM - 4:30 PM

Location: 238

Speaker: Hideyuki Sugioka

The Challenges of Reducing Maritime Emissions

3:15 PM - 4:30 PM

Location: 238

Speaker: Anil (Andy) Hira

3:15 PM - 4:30 PM

Stakeholder Inclusion

Location: 340

Speakers: Khampha Stempel, Deepti Chatti, Alaina Smith (She/Her), Brennan Vogel ; Speaker and Chair: Suzanne Phibbs

(De)Centering power dynamics for innovative risk management processes

3:15 PM - 4:30 PM

Location: 340

Speaker: Khampha Stempel

Explaining empowerment: Clean energy, development and gender

3:15 PM - 4:30 PM

Location: 340

Speaker: Deepti Chatti

Gender inclusivity of the United States biosphere regions

3:15 PM - 4:30 PM

Location: 340

Speaker: Alaina Smith (She/Her)

Building First Nations capacities for climate action

3:15 PM - 4:30 PM

Location: 340

Speaker: Brennan Vogel

Environmental justice and indigeneity: a Māori view.

3:15 PM - 4:30 PM

Location: 340

Speaker: Suzanne Phibbs

3:15 PM - 4:30 PM

Everyday Adaptations in High Resource Settings (EACC)

Location: 307

Speakers: Gabrielle Wong-Parodi, Julia Teebken, Richard Mbatu ; Speaker and Chair: Rebecca Nixon

Coevolution of subjective attribution and climate action under intensifying weather extremes and political polarization in the US Gulf Coast

3:15 PM - 4:30 PM

Location: 307

Speaker: Gabrielle Wong-Parodi

Constraining and enabling factors for everyday adaptations – Insights from small German towns

3:15 PM - 4:30 PM

Location: 307

Speaker: Julia Teebken

Community-Based Design Using Nature-Based Solutions To Meet Climate Change Challenges Along Urban Hillsborough River, Tampa

3:15 PM - 4:30 PM

Location: 307

Speaker: Richard Mbatu

Everyday adaptations in border regions: A comparative case study of the Rio Grande Valley, USA and Gilgit-Baltistan, Pakistan

3:15 PM - 4:30 PM

Location: 307

Speaker: Rebecca Nixon

3:15 PM - 4:30 PM

Integrating Sustainability Education Across the University

Location: 332

Speakers: Maria Conroy, Krista Hiser, Beth Mercer-Taylor, Richard Nevle ; Chair: Elena Irwin

3:55 PM - 4:30 PM

NetZero Procurement: Leveraging supply chains to truly impact climate change

Location: 337

Speaker: Marc Heisterkamp

4:45 PM - 5:45 PM

Closing Plenary Prize Panel

Location: North Ballroom

Speakers: Umberto Berardi, Jason Rohr, Jc Burgelman