

**2022 National Extension Energy Summit/National Sustainability
Summit Penn Stater Hotel and Conference Center, State College, PA**
([last updated](#) April 22, 2022)

Sunday, May 15th

- 3 pm Registration Table Opens
- 4 pm Conference Organizing Committee Meeting
- 6 pm Welcome Reception

Monday, May 16th

- 7 am Registration Table Opens
- 7:30 am Continental Breakfast and Networking, Presidents Pre 1-2
8:30 am – Noon Opening Plenary Session, Presidents Hall 3-4
- 8:30 am Welcome and Opening Remarks
Brent Hales, PSU Assistant Dean of Extension
Tom Richard, Director of PSU Institutes for Energy
- 9:15 am Keynote Address: Kip Pheil, USDA - NRCS
- 10 am Break
- 10:30 am Panel Discussion: Building Extension Energy Capabilities and Partnerships
- Noon Lunch, Dean's Hall 1-2
1 pm – 5 pm Concurrent Sessions
- 1 – 2:45 pm **Session 1A: Green Infrastructure, Presidents Hall 3-4**
- Evaluation of Vegetation Success on Reclaimed Natural Gas Pipelines
Anthony Mesa, West Virginia University
Michael Strager, West Virginia University
Paul Kinder, West Virginia University
Shawn Grushecky, West Virginia University
- Consumptive Use of Water in South Carolina
Mani Rouhi Rad, Clemson University
Heather Nix, Clemson University
Guinn Wallower, Clemson University
- Salinity Transport in an Urban Bioretention Basin From De-Icing Salt Applications
Carrie Fischer, Pennsylvania State University Harrisburg, NTM Engineering.
Dr. Shirley Clark, , Pennsylvania State University Harrisburg
- Willingness to Engage in Urban Stormwater Management: A Structural Equation Modelling Analysis
Rui Wang, Pennsylvania State University
Hong Wu, Pennsylvania State University

Defining, decolonizing, and applying permaculture: Perspectives of permaculture teachers and practitioners nationwide

Kaitlyn Spangler, Utah State University

Roslynn Brain McCann, Utah State University Moab

Rafter Sass Ferguson, Union of Concerned Scientists

Peer Effects in Residential Green Infrastructure Adoption

Daniel Brent, Pennsylvania State University

Douglas Wrenn, Pennsylvania State University

Session 1B: Sustainable Communities, Meeting Room 207

Addressing Community Resilience through Repair (Cafes)

Heather Teegarden, WSU Snohomish County Extension

Patricia Townsend, Ph.D., WSU Snohomish County Extension

Climate change vulnerability in BIPOC communities

Maria Dozier, Extension Foundation

CREATE BRIDGES: Sustainable Community Development for Retail, Tourism, Accommodations, and Entertainment

Grace Langford, Southern Rural Development Center

Russ Garner, The Southern Rural Development Center

Resolving Heirs' Property Issues: Its Role in Community Sustainability

Russ Garner, Southern Rural Development Center

Grace Langford, Southern Rural Development Center

A Statewide Low-Income Efficiency Program: Florida's Energy Equity Coalition

Lee Hayes Byron, University of Florida

Alane Humrich, Community Weatherization Coalition

Jennison Kipp, UF/IFAS Program for Resource Efficient Communities

Marianne Schmink, Community Weatherization Coalition

Creating Living Laboratories for Sustainability in Florida's New Urban Developments

M. Jennison Kipp, University of Florida IFAS Extension

Pierce Jones, PhD, University of Florida IFAS Extension

Heather Hubbard, University of Florida IFAS Extension

Building capacity to implement greenhouse gas mitigation strategies for farms and forests

Jenifer Wightman, Cornell University

Peter Woodbury, Cornell University

Session 1C: Solar Energy, Meeting Room 208

Community-Driven Solar Siting and Financing: A Toolkit from Massachusetts

River Strong, UMass Clean Energy Extension

Zara Dowling, UMass Clean Energy Extension

Solving the Solar PV Intermittency Challenge

Edward V. Johnstonbaugh, Pennsylvania State University

Utility Scale Solar Development --What are the Implications on Conserved Land
Thomas B Murphy, Penn State Marcellus Center for Outreach and Research
Brook Duer, Penn State Law

Utility-Scale Solar Energy Production: Preparing Extension to Meet the Challenge
Eric Romich, Ohio State University Extension

Developing partnerships to understand, educate, pilot and advance equitable
community solar
Lissa Pawlisch, U of M Extension, Regional Partnership

Successfully Navigating the Leasing of Farmland for Energy Development
Thomas Murphy, Penn State Marcellus Center for Outreach and Research

Maryland Extension Training: Solar PV Options, Opportunities and Challenges
Drew Schiavone, University of Maryland

2:45 – 3 pm Break

3 – 5 pm **Session 2A: Solar Energy 2, President's Hall 3-4**

Solar Project Development in TX, MN, and PA

Large Scale Solar Electricity Generation: The Emergent Landscape for Educators
David Kay, Cornell University
Tom Murphy, Pennsylvania State University
Mohamed Badissy, Dickinson Law Pennsylvania State University
Zara Dowling, UMass Clean Energy Extension
Paul Goeringer, University of Maryland

Tools, Tips, and Tricks for Solar Economic Analysis
F. John Hay, University of Nebraska-Lincoln

Session 2B: Extension Innovation, Meeting Room 207

Targeting Hard-to-Reach Audiences with Tailored Programming and Diverse
Collaborations
Erin Garrett, University of Illinois Extension

Restoring Relationships: Cornell Cooperative Extension engaging with New York's
Indigenous Communities
Nathan Scott, Cornell Cooperative Extension, Schuyler County

Dashing the 'Bottom Line': Economic complexity and existential reckoning in U.S. local
and regional food systems in response to Covid-19
Sarah Rocker, Northeast Regional Center for Rural Development
Lilian Brislen, Local Food Connection, University of Kentucky

Understanding the role of farm energy in extension programs
Siobhan L. Fathel, Pennsylvania State University
Jaya Tripathi, Pennsylvania State University
Daniel Ciolkosz, Pennsylvania State University

Energy Efficiency Blitzes With Manufactured (Mobile) Home Parks
Joel Haskard, University of Minnesota, Extension, Regional Sustainable Development Partnerships

Fire and Water: Sustainability Extension Education in Central Arizona
Christopher Jones, University of Arizona Cooperative Extension - Gila County

Establishing a Carinata based Bioeconomy in the Southeastern US: The Importance of Partnerships
Dan Geller, University of Georgia College of Engineering
Sheeja George, Agronomy Department, UF/IFAS North Florida REC
Wendy-Lin Bartels, University of Florida

Farm/Energy/Carbon: Statewide Legislative Initiative in Wisconsin
Tim Baye, University of Wisconsin - Madison

Session 2C: Energy Issues, Meeting Room 208

Critical Infrastructure in Agriculture: Impact of Power Factor on Grain Drying Energy Cost
Eric Romich, Ohio State University Extension

Nonprofit Energy Efficiency: Extension Partnering with Foundations to Improve Climate and Community
Sara Kane, UF/IFAS Extension Sarasota County
Lee Hayes Byron, UF/IFAS Extension Sarasota County

Stormwise - Power distribution resilience through innovative roadside forest management
Thomas Worthley, University of Connecticut
Amanda Bunce, University of Connecticut

Appalachia's Coal Transition: Pathways for Community Resilience
Gwynn Stewart, Ohio State University Extension
Jeffrey B. Jacquet, Ohio State University

Social License for the Energy Transition: A Case Study of Wyoming Residents
Selena Gerace, University of Wyoming

5 - 6 pm Poster Session and Reception, President's Hall 3-4

6 - 8 pm Dinner and Special Speaker: Ann Swanson, Chesapeake Bay Commission, Dean's Hall 1-2

Tuesday, May 17th

7 am Registration Table Opens

7:30 am Continental Breakfast and Networking, Presidents Pre 1-2

8:30 am – Noon Opening Plenary Session, President's Hall 3-4

8:30 am Reconvene, Announcements

Paul Shrivastava, Director of PSU Sustainability Institute

9:15 am Keynote Address: Crystal Chissell, Project Regeneration

10 am Break

10:30 am Panel Discussion: California Carbon Markets and their Implications
President's Hall 3-4: Shashi Menon, EcoEngineers; Lyle Schlyer, Calgren; Steve Kaffka, UC-Davis

Noon Lunch, Dean's Hall 1-2

1 pm – 5 pm Concurrent Sessions

1 – 2:30 pm Session 3A: Biomass, President's Hall 3-4

Barriers and preferred outreach efforts to wood energy adoption in Wisconsin School Districts

Shiba Kar, University of Wisconsin - Stevens Point

Bethany Slembariski, University of Wisconsin-Stevens Point

Nilesh Timilsina, University of Wisconsin-Stevens Point

Anaerobic Codigestion of Brewers Spent Grain with Dairy Manure

Matt Steiman, Dickinson College Farm

Anaerobic digestion of aquaculture sludge and fishery byproducts: Challenges and Opportunities

Abhinav Choudhury, The Conservation Fund

Christine Lepine, The Conservation Fund

Christopher Good, The Conservation Fund

Freddy Witarsa, Colorado Mesa University

Integrating extension and research activities in a case study: farm scale poultry litter anaerobic digestion

Amro Hassanein, University of Maryland
STEPHANIE Lansing, University of Maryland

Session 3B: Green Infrastructure Workshop

Session 3C: Carbon Accounting in Agriculture

2:45- 4:30 **Session 4A: Green Infrastructure, President's Hall 3-4**

Shifting Green Stormwater Infrastructure Designs: Factors Influencing Off-line Flow-Bypass Systems

Jessica Fegley, Pennsylvania State University

Effect of plant species, drought and saturated zones on nitrate removal in green stormwater infrastructure

Margaret C Hoffman, Pennsylvania State University

Jacob Matlin, Pennsylvania State University

Maryland Watershed Stewards Academy: Empowering Residents to Implement Small Scale Green Infrastructure

Kelsey Brooks, University of Maryland Extension

Pinellas County Annual Green Infrastructure Conference: Reaching New Audiences

Steve Robinson, University of Florida

Eban Bean, University of Florida /IFAS

Don Rainey, University of Florida /IFAS

JP Gellermann, University of Florida /IFAS

Session 4B: Biomass Panel, Meeting Room 207

Biomass Resources Availability, Access, and Market: Extension Lessons in Mid-Atlantic States

Michael Jacobson, Pennsylvania State University

Matthew Langholtz, Oak Ridge National Laboratory

Shawn Grushecky, West Virginia University

Session 4C: Climate, Meeting 208

Climate Change in Extension: Priority Actions, Federal Steps Taken, and Prioritizing Our Next Steps

Roslynn McCann, Utah State University

Jennison Kipp, University of Florida

Paul Lachapelle, Montana State University

Chuck Ross, The Extension Foundation

Wednesday, May 18th

7:30 am Continental Breakfast and Networking Hotel Entrance

8:00 am Tours Depart, Hotel Entrance

6:00 pm Conference Organizing Committee Debriefing

Thursday, May 19th Post Conference Meetings