

FATE OF THE EARTH 2019



Environmental Science
& Policy Program
at Michigan State University

Schedule at a Glance

Time	Place
8 am -8:45 am Registration and Breakfast	Lincoln
8:50 am - 9:00 am Dr. Satish Udpa , MSU President Opening Remarks (introduction by Dean Rachel Croson, College of Social Science)	Lincoln
9:00 am - 9:50 am Dr. Jeff Andresen , Great Lakes Integrated Sciences and Assessment Center “Climate Change and Michigan: Impacts and Adaptation”	Lincoln
9:50 am - 10:00am Morning Break	South Lobby
10:00 am - 10:50 am Morning Workshops	various rooms
11:00 a.m.- 11:50 a.m Tim Zimmicki , Agriculture Policy Director, Michigan Environmental Council “Michigan’s Environmental Roadmap”	106
12:00 pm - 1:30 pm Lunch with live music by Mori Rothhorn and Tamiko Rothhorn of The Dangling Particles	Lincoln

Schedule at a Glance

Time	Place
12:30 p.m. - 1:30 p.m. Poster Session	South Lobby
1:30 pm - 2:20 pm Emily Holden , Environmental Journalist, The Guardian “Climate and Environment in the Age of Trump”	Lincoln
2:20 p.m. - 2:30 pm Afternoon Break	South Lobby
2:30 pm - 3:30 pm Afternoon Workshops	various rooms
3:30 p.m. - 4:20 p.m. Will Lawrence , Co-Founder, The Sunrise Movement “The Green New Deal”	Lincoln
4:30 p.m. - 5:00 p.m. Reception and Poster Award Ceremony Dr. Jiaguo Qi , ESPP Director	Red Cedar

Research Posters will be displayed throughout the day in the South Lobby.

Environmental Art will be on display in Red Cedar.

Morning Workshops

Title	Place
“Further Discussion on Climate Change and Michigan” - GLISA	Lincoln
“Toxins in the Water: PFAS in Michigan” - Dr. Courtney Carignan, MSU	103
“The Body, the Imagination and Knowing our Environments” - Jared L. Talley, Environmental Philosophy and Governance, MSU	104B
“Networking for Environmental Professionals” - Diana Kobus	104A
“Understanding and Changing Your Carbon Footprint” - Craig Kohn	105A
“Solarize Meridian Part II” - Roger Eberhardt, John Sarver, Heidi Porter, Meridian Energy Team	105B
“Developing Sustainable Communities” - Christian Gaian Smith, Sylvan’s NeighborWood	106

Afternoon Workshops

Title	Place
“Continued Discussion on Climate in the Age of Trump” - Emily Holden	Lincoln
“Networking for Environmental Professionals” - Diana Kobus	104A
“Environmental Connections Through Yoga” with Caitlin Kirby, ESPP and Geography, Environment and Spatial Sciences doctoral student, MSU	105A
“MSU’s Path Toward Sustainability” with Amy Butler	105B
“A Conversation on The Green New Deal” - Will Lawrence	106



Speaker Biographies

Jeff Andresen

MSU Department of Geography, Environment and Spatial Sciences; GLISA



Jeff Andresen is Professor of Meteorology and Climatology in the Department of Geography, Environment and Spatial Sciences. An expert on the weather, especially as it relates to agriculture and its impact on agriculture production, Andresen serves as the state climatologist.

Title: : “Climate Change and Michigan: Impacts and Adaptation” - State Climatologist

Jeff Andresen discusses recent research on the changing climate within the Great Lakes region along with a discussion on the actions GLISA is taking to help reduce climate change.

Emily Holden

The Guardian

Emily Holden reports on the environment from Washington, D.C., for the Guardian. Prior to that, she covered climate change, the U.S. Environmental Protection Agency and the White House for Politico and E&E News. Emily is originally from Baton Rouge, Louisiana.



Title: “Climate and the Environment in the Age of Trump.”

Through a broad overview of the environmental rollbacks by the Donald J. Trump administration and what they mean for the climate and environmental protection, Ms. Holden will talk about public opinion on the environment and climate and how reporters tackle the subjects.

Will Lawrence

Sunrise Movement

William Lawrence is an East Lansing native and Lansing resident. He is a co-founder of Sunrise Movement, a youth movement to stop climate change and create millions of good jobs in the process. Sunrise has chapters in 42 states, and is best known for leading the campaign for a Green New Deal alongside Rep. Alexandria Ocasio-Cortez. Before Sunrise, Will worked with the Momentum social movement training institute, was a researcher for the Global Nonviolent Action Database, and helped initiate the national student movement to divest from fossil fuels.



Title: “The Green New Deal”

Will’s talk will give a survey of the national momentum around the Green New Deal, and an assessment of what it will truly take to stop climate change.



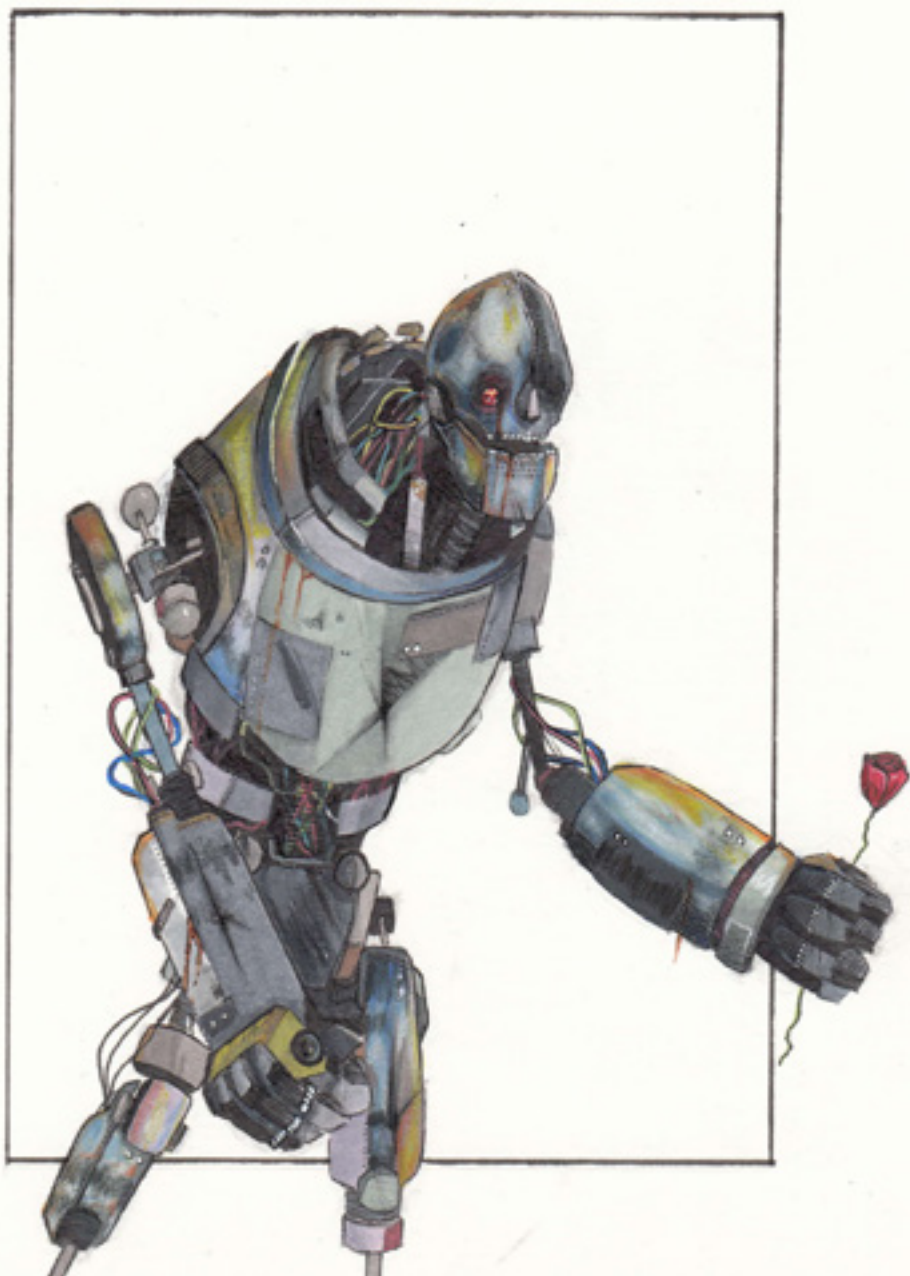
Tom Zimmicki

Michigan Environmental Council

Tom Zimmicki is the Agriculture Policy Director for the Michigan Environmental Council. He joined the Council in 2016 and broadly focuses on the policy intersections of agriculture and water quality. In addition, Tom works on policy issues related to wetland protection, pollinator health, drain code, and organic materials

management.

Title: “Michigan’s Environmental Roadmap”. Michigan Environmental Council (MEC) and Michigan League of Conservation Voters (LCV) joined efforts to develop the Environmental Roadmap, working collaboratively with over twenty organizations across the state to provide the incoming administration a clear set of priorities to address the myriad environmental challenges facing Michigan.





Environmental Science and Policy Program

Dr. Jiaguo Qi
Director

Symposium Organizing Committee

Dr. Thomas Dietz
Sociology and ESPP

Dr. Julie Libarkin
Earth and Environmental Sciences

Dr. Erin Dreelin
Fisheries and Wildlife and ESPP

Craig Kohn
Teacher Education and ESPP

Caitlin Kirby
Earth and Environmental Sciences, and ESPP

ESPP Staff

Marcy Heberer
Karessa Weir
Sierra Jankowski
Jarek Schmidt
Avery Stevens

A special thanks to
**Barbara J. Sawyer-Koch and
Donald F. Koch**

The annual Fate of the Earth Symposium is made possible through a generous endowment given to the Environmental Science and Policy Program by Barbara J. Sawyer-Koch and the late Donald F. Koch. Donald F. Koch was an MSU Professor Emeritus of philosophy and a nationally recognized scholar of the American philosopher John Dewey. Barbara J. Sawyer-Koch received her master's degree in social science from MSU in 1990 and served as a member of MSU Board of Trustees from 1980-1996.

Poster Presenters

Shivan GC, Forestry and ESPP
Jianzhou He, Department of Plant, Soil and Microbial Sciences
Charifa Hejase, Civil and Environmental Engineering and ESPP
Sara Hugentobler, Integrative Biology
Craig Kohn, Teacher Education and ESPP
Zachary Luther, Agricultural, Food, and Resource Economics
BenMcMillan, Civil and Environmental Engineering
Akshay Murali, Civil and Environmental Engineering and ESPP
Vidhya Ramalingam, Environmental Engineering/College of Engineering
Shuyang Wang, Civil and Environmental Engineering
John Witherspoon, Community Sustainability
Huiyun Wu, Civil and Environmental Engineering

Display Participants

Jimmy Almacddissi, Phil Lameroux and Nicole Harmson, MSU BioDome,
Kelly Kapsar, MSU Chapter of Women in Nature Network
MSU Science Festival
Red Cedar Fly Fishers

Hosts

Dr. Thomas Dietz, Sociology and ESPP
David Poulson, Knight Center for Environmental Journalism



Fate of the Earth is proud to present the work of these artists in our 2019 Environmental Art Exhibit:

Discovery Elementary:

Andrew H. (1st grade)
Annabelle W. (1st grade)
Breslyn M. (Kindergarden)
Hadley E. (1st grade)
Julia L. (1st grade)
Katherine W. (1st grade)
Marley L. (Kindergarden)
Taylor H. (Kindergarden)

Explorer Elementary

Abby B. (4th grade)
Isabella H. (5th grade)
Owen M. (5th grade)
Paige L. (5th grade)

MacDonald Middle School
Eli Burch (7th grade)

Williamston High School
Alanna MacKenzie
Megan Janecke (11th grade)

MSU Students
Charles Benoit
Anusha Mamidipaka

Oakland University
Joe Zaluski
Matthew Guyor

Ashley Morgan
Ian Kirkpatrick
William Woods

