
THE THIRTY-FOURTH ANNUAL WORKSHOPS IN INTERNATIONAL STUDIES

Global Climate Change: Science Meets Society

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The West Virginia Consortium
for Faculty and Course Development
in International Studies

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November 6-7, 2014

Lakeview Resort and Conference Center
Morgantown, West Virginia

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Workshops Program Planning

Central Program Office:

Program Coordinator: Jack L. Hammersmith, Director, FACDIS
Program Assistant: Gretchen Peterec, Assistant Director, FACDIS

Workshop Chairpersons:

Harald Menz (Bethany College)
Ann Oberhauser (West Virginia University)
Aart Holtslag (Shepherd University)
Sy Sarkarat (West Virginia University at Parkersburg)

Global Climate Change: Science Meets Society

Focusing on:

- **Living Climate Change: Using Anthropological Encounters and Actions in Teaching**
- **Climate Worlds: Geographies of a Changing Planet**
- **Climate Change and Security: Research, Policy, and Teaching**
- **Teaching and Writing about Climate Change: A View from History**

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Funded by
State of West Virginia Higher Education Policy Commission
and Participating Institutions in FACDIS

PROGRAM

THURSDAY, NOVEMBER 6

Guide to speakers/workshop leaders can be found at end of the program.

9:30 am-1:00 pm	REGISTRATION: Library BOOK DISPLAY: Reflections Ballroom (On lobby level floor, off the Library)
10:30 -11:15 am	STEERING COMMITTEE MEETING: Ward Christopher Room
11:45 am-1:15 pm	LUNCH: Reflections Ballroom (On lobby level floor, off the Library) Welcome: Jack Hammersmith, Director, FACDIS Luncheon Reflections: Corley Dennison, Vice Chancellor for Academic Affairs, West Virginia Higher Education Policy Commission, <i>Going Global on Campus: The Time is Now</i>
1:30-3:00 pm	OPENING PANEL DISCUSSION WITH PRESENTERS: Reflections Ballroom <i>Living Climate Change: Using Anthropological Encounters and Actions in Teaching:</i> Susan Crate, George Mason University <i>Climate Worlds: Geographies of a Changing Planet:</i> Kendra McSweeney, The Ohio State University <i>Climate Change and Security: Research, Policy, and Teaching:</i> Idean Salehyan, University of North Texas <i>Teaching and Writing about Climate Change: A View from History:</i> Sam White, The Ohio State University
3:00-3:15 pm	BREAK: Library
3:15-4:45 pm	First Set of Concurrent Sessions
Topic 1.	Living Climate Change: Using Anthropological Encounters and Actions in Teaching Room: Chestnut Room 1 (On rear main level; opposite elevator) Consultant: Susan Crate, George Mason University Chairperson: Harald Menz (Bethany College) Session I: Anthropological Insights and Why They Matter Anthropologists investigate climate change within the complexity of change in the contemporary globalized world, which affect cultures' interactions with their environments. Our field's tools, founded on ethnographic qualitative methods, reveal how the diversity of the world's cultures are affected by and responding to this complexity of changes differently based in local cultural and ecosystem particulars. Herein anthropology is unique in that it can bring evidence to the diversity of effect to ecosystems and cultures that the phenomenon of global warming is having. In this first session we will explore

anthropological ways of knowing and also learn what anthropologists have done; all that can be used in teaching contexts.

Topic 2.	Climate Worlds: Geographies of a Changing Planet
Room:	Chestnut Room 2 (On rear main level; opposite elevator)
Consultant:	Kendra McSweeney, The Ohio State University
Chairperson:	Ann Oberhauser (West Virginia University)
Session I:	<i>Teaching Climate Change through Geography: The Pedagogic Challenges</i> This session identifies the particular challenges and opportunities that climate change presents, drawing on my experiences teaching the topic through a geographical lens. Using a seminar style (short presentation followed by discussion), we'll review the issues, including: how to convey the profoundly unequal nature of the environmental playing field; how to recognize the agency of individuals on the front lines of climate change, while also critiquing larger structures shaping their lives; how not to demoralize students given the magnitude of the climate challenge; how to connect local and global processes; and how to have students really 'get' how our world is shaped by interconnections and interdependencies across space and scale.
Topic 3.	Climate Change and Security: Research, Policy, and Teaching
Room:	Seminar Rooms 1-2 (Take elevator opposite Chestnut Room and go to middle level of hotel)
Consultant:	Idean Salehyan, University of North Texas
Chairperson:	Aart Holtslag (Shepherd University)
Session I:	<i>Current Research on Climate Change and Security</i> This session will examine state of the art research on the relationship between climate change, environmental disasters, and security. From international conflict over the arctic, to disputes between marginalized communities in Africa, researchers have begun to explore the potential impact of environmental scarcity on violence. While this literature is still rapidly developing, it has become a mainstay of research in conflict studies. A broad overview of the literature will be offered, including points of debate, data resources, and emerging research projects.
Topic 4.	Teaching and Writing about Climate Change: A View from History
Room:	Seminar Rooms 3-4 (Take elevator opposite Chestnut Room and go to middle level of hotel)
Consultant:	Sam White, The Ohio State University

Chairperson: Sy Sarkarat (West Virginia University at Parkersburg)
 Session I: *How Climate Change and Climate Science Pose New Questions and Open New Opportunities for Historians*

When most people think of the “experts” on climate change, their thoughts turn to climatologists, modelers, and other physical scientists. However, climate change issues are as much about people as about the atmosphere. This session examines the issues that climate change raises for historians, and considers what history might have to contribute to contemporary discussions on global warming. The presenter will share his experience with research on climate and history in the Middle East, Europe, and North America and some ideas for coming to grips with the conventions of climate change science, and for finding useful resources for research and teaching in history and the social sciences.

5:30-6:30 pm **SOCIAL HOUR (cash bar): Library**
6:30 pm **BANQUET: Reflections Ballroom**
EVENING PROGRAM:*Climate Change: A Medley of Popular Perspectives*

FRIDAY, NOVEMBER 7

7:00 am **INSTITUTIONAL REPRESENTATIVES BREAKFAST: Ward Christopher Room**
7:30 am **GENERAL BREAKFAST: Reflections Ballroom**
 (On lobby level floor, off the Library)

8:30-10:00 am **Second Set of Concurrent Sessions. Participants will stay in same track as Thursday afternoon (3:15 pm-4:45 pm).**

Topic 1. **Living Climate Change: Using Anthropological Encounters and Actions in Teaching**
 Room: Chestnut Room 1 (On rear main level; opposite elevator)
 Consultant: Susan Crate, George Mason University
 Chairperson: Harald Menz (Bethany College)
 Session II: *Doing Anthropology: Hands-on Session*
 In this session we will try anthropology with hands-on experiential teaching. There is no better way to understand how anthropology is able to decipher the ecological and cultural particulars of climate change than by practicing the very methods that reveal this.

Topic 2. **Climate Worlds: Geographies of a Changing Planet**
 Room: Chestnut Room 2 (On rear main level; opposite elevator)
 Consultant: Kendra McSweeney, The Ohio State University

Chairperson: Ann Oberhauser (West Virginia University)
 Session II: *Climate Justice: Thinking through Equity in Climate Policy and Practice*

A discussion of how to work through the issues identified in Session I through a topical focus on climate justice. We'll discuss the uneven burdens associated with climate change, both in terms of its impacts and solutions, and talk about how to engage students on ways forward.

Topic 3. **Climate Change and Security: Research, Policy, and Teaching**

Room: Seminar Rooms 1-2 (Take elevator opposite Chestnut Room and go to middle level of hotel)
 Consultant: Idean Salehyan, University of North Texas
 Chairperson: Aart Holtslag (Shepherd University)
 Session II: *Climate Change and Security: The Policy Debate*

This session discusses current policy debates regarding what to do about climate change at the national and international level. From the United States Department of Defense to the UN Secretary General, policy makers have become increasingly interested in how climate change will affect the future security environment. Despite growing concern with such threats, there has not been a comprehensive framework for mitigating CO₂ emissions or facilitating adaptation strategies. The focus of this session is to provide a broad overview of policy responses to climate change and its potential security impacts.

Topic 4. **Teaching and Writing about Climate Change: A View from History**

Room: Seminar Rooms 3-4 (Take elevator opposite Chestnut Room and go to middle level of hotel)
 Consultant: Sam White, The Ohio State University
 Chairperson: Sy Sarkarat (West Virginia University at Parkersburg)
 Session II: *Using a Historical Approach to Teach about Climate Change*

Climate change can often feel too abstract, too technical, too laden with contrived controversies to bring up in an undergraduate history class. Yet a historical approach can also make climate and global warming much more accessible and meaningful subjects for students. This session examines ways of using historical perspectives and examples to teach about climate change and its consequences. Participants will consider topics, readings, and tools for creating a course on climate and history.

10:00-10:30 am **COFFEE BREAK**

10:30 am-12 noon	Third Set of Concurrent Sessions. Participants will stay in same track as Thursday afternoon (3:15 pm-4:45 pm) & Friday morning (8:30 am-10:00 am).
Topic 1.	Living Climate Change: Using Anthropological Encounters and Actions in Teaching
Room:	Chestnut Room 1 (On rear main level; opposite elevator)
Consultant:	Susan Crate, George Mason University
Chairperson:	Harald Menz (Bethany College)
Session III:	<i>Teaching Climate Change Anthropology</i> In the final session we focus on how what we learned in the first two sessions can be translated into classroom teaching experiences. Not only will we discover important resources for teaching climate change anthropology (texts, documentaries, online resources, etc.) but we will take advantage of our group experience and knowledge to brainstorm new ideas and approaches.
Topic 2.	Climate Worlds: Geographies of a Changing Planet
Room:	Chestnut Room 2 (On rear main level; opposite elevator)
Consultant:	Kendra McSweeney, The Ohio State University
Chairperson:	Ann Oberhauser (West Virginia University)
Session III:	<i>Engaging Students as Environmental Citizens</i> This session will focus on reviewing syllabi and classroom methods that engage students as climate actors, and emphasize the ways in which climate change is made relevant in their lives. This session will explicitly connect West Virginia's landscapes, economies, and resources to the 'big picture' issues discussed in prior sessions.
Topic 3.	Climate Change and Security: Research, Policy, and Teaching
Room:	Seminar Rooms 1-2 (Take elevator opposite Chestnut Room and go to middle level of hotel)
Consultant:	Idean Salehyan, University of North Texas
Chairperson:	Aart Holtslag (Shepherd University)
Session III:	<i>Climate Change and Security: Instructional Resources</i> The final session focuses on classroom resources for teaching about the human impact of climate change. Videos, maps, data resources, and instructional techniques will be explored. This session will be more open-ended in nature, and will encourage participants to share ideas and resources with one another as they prepare to develop courses on climate and security.

Topic 4.	Teaching and Writing about Climate Change: A View from History
Room:	Seminar Rooms 3-4 (Take elevator opposite Chestnut Room and go to middle level of hotel)
Consultant:	Sam White, The Ohio State University
Chairperson:	Sy Sarkarat (West Virginia University at Parkersburg)
Session III:	<i>Fitting Climate into the Bigger Picture</i> One the greatest challenges of teaching about climate change is that it touches on so many topics: environment, economics, energy, politics, culture, social justice, and others. The multifaceted nature of the problem raises questions of where climate fits into the bigger picture, and how we can teach about it in relation to our other subjects. We'll use this session to consider whether and how climate change might be significant for the courses we already teach, and how to integrate it into our syllabi. We'll discuss what might be covered in one or two lessons during a semester, how possibly to communicate complex subjects in a limited amount of time.

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WORKSHOP LEADERS

SUSAN CRATE, George Mason University

Susan Crate is an interdisciplinary scholar specializing in environmental and cognitive anthropology. She has worked with indigenous communities in Siberia since 1988 and specifically with Viliui Sakha since 1991. Her last decade of research is founded on an initial project investigating the local perceptions, adaptations, and resilience of Viliui Sakha communities in the face of unprecedented climate change. From there she conducted comparative projects on climate change in coastal communities of Labrador, Canada, on the eastern shore of the Chesapeake Bay, in rural Wales and the Mongolian Steppe. She is also featured in a forthcoming documentary on climate change called 'The Anthropologist.' Crate is the author of numerous peer-reviewed articles, one monograph, *Cows, Kin and Globalization: An Ethnography of Sustainability*, 2006, Alta Mira Press and is senior editor of the 2009 volume, *Anthropology and Climate Change: From Encounters to Actions*, Left Coast Press (now in its second edition). She is an Associate Professor on Anthropology in the Department of Environmental Science & Policy at George Mason University, Fairfax, Virginia.

KENDRA McSWEENEY, The Ohio State University

Kendra McSweeney (MS Geography, University of Tennessee-Knoxville, 1993; Ph.D. Geography, McGill University, 2000) is a geographer specializing in the study of human-environment relations. At Ohio State, she teaches courses in Environment & Society, Latin America, Research & Professionalization, Population Geography, Geography of Ohio (a field course focusing on Appalachian Ohio) and Environmental Citizenship. She has won Ohio State's highest teaching award. Focusing mainly on Latin America, where she has worked for over 20 years, her research interests include rural livelihoods, agrarian change, uneven development, population-environment dynamics, socioecological resilience, and tropical commodity chains. Her work with indigenous peoples has focused at the intersection of indigenous territoriality and conservation policy. In Honduras, she has tracked forest communities over time to better understand smallholder resilience to climate, economic, and political shocks. Most recently, she has been working with colleagues to explore the dynamics by which the trafficking of drugs through Central America profoundly re-orientes biodiversity conservation and rural development trajectories, and with what policy implications. Her research has been supported by the National Geographic Society and the National Science Foundation's 'Coupled Natural-Human Systems' program and has appeared in over 25 academic journals, including *PNAS* and *Science*.

IDEAN SALEHYAN, University of North Texas

Idean Salehyan is an Associate Professor of Political Science at the University of North Texas. He is also a member of the Climate Change and African Political Stability research project, funded by the US Department of Defense, and based at the University of Texas – Austin. He co-directs the Social Conflict in Africa Database, which tracks protests, riots, and other forms of contentious politics across the African continent from 1990 through the present. Dr. Salehyan's research focuses on civil and international conflict, environmental politics, and protest movements. He is the author of, *Rebels Without Borders: Transnational Insurgencies in International Politics* (Cornell University Press, 2009) and has published over two dozen peer-reviewed articles in leading journals including, the *American Journal of Political Science*, *International Organization*, *International Studies Quarterly*, *World Politics*, and the *Journal of Politics*. Dr. Salehyan received his PhD from the University of California, San Diego, in 2006.

SAM WHITE, The Ohio State University

Sam White earned his M.A. in Middle East Studies and Modern History from the University of St. Andrews (Scotland) in 2002 and his Ph.D. in history from Columbia University in 2008. He was Assistant Professor of environmental history at Oberlin College for five years before joining the history department at OSU in 2013. White has taught in many areas of environmental history including both global and American surveys as well as "big history" and topical courses on food, animals, and climate. His research focuses on past climate changes and extreme weather, combining scientific data and historical sources to better reconstruct these episodes and understand their influence on human history. His first book, *The Climate of Rebellion in the Early Modern Ottoman Empire* (Cambridge University Press, 2011), explores the far-reaching effects of severe cold and drought in the Middle East during the "Little Ice Age" of the sixteenth and seventeenth centuries. It won the Middle East Studies Association Albert Hourani award, the Turkish Studies Association Fuat Köprülü award, and the British-Kuwaiti Friendship Society prize for the best book in Middle East and Turkish studies. He has also published various chapters and articles on world history, and climate, disease, and animals in history, including "From Globalized Pigs to Capitalist Pigs: A Study in Animals Cultures and Evolutionary History," *Environmental History* 16 (2011), which won the American Society for Environmental History Leopold-Hildy Prize and the Agricultural History Association Wayne D. Rasmussen Award. His current research, recently supported by fellowships at the John Carter Brown and Huntington libraries, examines the role of climate in the early exploration and settlement of North America. It compares English, Spanish, and French efforts to grapple with a new and unfamiliar climate and with Little Ice Age cold and drought, leading up to the contemporaneous colonies of Jamestown, Santa Fe, and Quebec. White is also the co-founder and website administrator of climatehistorynetwork.com and vice-president of a new International Society for Historical Climatology and Climate History.