Workshop on the Ostrom Workshop

GOVERNANCE: PAST, PRESENT, AND FUTURE

Indiana University Bloomington
June 19–21, 2019 | wow.indiana.edu
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<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
<th>Event Description</th>
<th>Location</th>
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<tr>
<td>Tuesday</td>
<td>JUNE 18</td>
<td>2:00 – 5:00 PM</td>
<td>Conference check-in</td>
<td>Charter M009</td>
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<tr>
<td>Wednesday</td>
<td>JUNE 19</td>
<td>8:00 – 9:00 AM</td>
<td>Breakfast buffet</td>
<td>Frangipani M051</td>
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<td>9:00 – 10:15 AM</td>
<td>PLENARY INTRODUCTION BY LEE ALSTON &amp; RESEARCH PROGRAM DIRECTORS</td>
<td>Whittenberger Auditorium 151</td>
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<td>—Introduction by IU President Michael McRobbie</td>
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<td>10:30 AM – 12:00 PM</td>
<td>PANELS 1A–1E</td>
<td>see Detailed Agenda</td>
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<td>12:00 – 1:30 PM</td>
<td>Lunch (self-organized)</td>
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<td>1:30 – 5:00 PM</td>
<td>PANELS 2A–2E and 3A–3F</td>
<td>see Detailed Agenda</td>
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<td>Dinner (self-organized)</td>
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<tr>
<td>Thursday</td>
<td>JUNE 20</td>
<td>8:00 – 8:30 AM</td>
<td>Continental breakfast</td>
<td>Frangipani M051</td>
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<td>8:30 AM – 12:00 PM</td>
<td>PANELS 4A–4F and 5A–5D</td>
<td>see Detailed Agenda</td>
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<td>PANELS 6A–6F and 7A–7F</td>
<td>see Detailed Agenda</td>
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<td>5:15 – 6:15 PM</td>
<td>RECEPTION (hors d’oeuvres &amp; cash bar) and GROUP PHOTOGRAPH</td>
<td>Musical Arts Center, 101 N. Jordan</td>
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<td>Dinner (self-organized)</td>
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<td></td>
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<td>8:30 AM – 12:00 PM</td>
<td>PANELS 8B–8E and 9A–9F</td>
<td>see Detailed Agenda</td>
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<td>12:00 – 1:30 PM</td>
<td>DOCUMENTARY FILM ON THE OSTROMS by Barbara Allen (Lunch—RSVP only)</td>
<td>Frangipani M051</td>
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<td>1:30 – 3:00 PM</td>
<td>PANELS 10A–10F</td>
<td>see Detailed Agenda</td>
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<td>3:15 – 4:30 PM</td>
<td>PLENARY ADDRESS BY THRÁINN EGGERTSSON, “GOVERNANCE IN THE 21ST CENTURY”</td>
<td>Whittenberger Auditorium 151</td>
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<td>—Introduction by Lee Alston</td>
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<td>5:00 – 8:00 PM</td>
<td>BANQUET DINNER (Ticketed event)</td>
<td>Tudor Room 169</td>
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<td>5:00–6:00 Hors d’oeuvres &amp; cash bar</td>
<td>6:00 Dinner</td>
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<td>10:30 AM – 12:00 PM</td>
<td>Who controls what, when? Reflections on governance in the built environment from the perspective of design, law, and economics</td>
<td>Cultural multilevel selection and the evolution of governance: Models and theory</td>
<td>Climate change, complex systems governance, and human-scale versus people-centered development</td>
<td>Governing the commons: Past and present</td>
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<td>1:30 – 3:00 PM</td>
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<td>Collaborative governance in municipalities: The impact of law, central government budget, and information</td>
<td>Pragmatics of the grammar of institutions</td>
<td>The shadow of the future and the shadow of the past: Studying the impact of climate change on human behavior</td>
<td>Governing the internet of everything</td>
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<td>3:30 – 5:00 PM</td>
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<td>Collaborative efficiency in the polycentric metropolis?</td>
<td>Roundtable on teaching the IAD and SES frameworks</td>
<td>Environmental governance: Broadening ontological spaces for a more livable world</td>
<td>Blockchain: Innovation in distributed governance in the cryptosphere</td>
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<tr>
<td>Wednesday</td>
<td>JUNE 19</td>
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<td>Adapting to change: Local networks at the energy-climate interface</td>
<td>Dividing the commons: Native and Hispanic resource ownership and development in the western US</td>
<td>The drama of the community resource directory data commons</td>
<td>Local governance and performance in Latin America</td>
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<td>10:30 AM – 12:00 PM</td>
<td>PANEL 5A</td>
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<td>Local governance and the public’s health in Sub-Saharan Africa</td>
<td>Emerging approaches for measuring institutions at scale</td>
<td>Theoretical foundations of polycentric governance</td>
<td>Commons and rural governance</td>
<td>Change and its challenges to collective action</td>
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<td>1:30 – 3:00 PM</td>
<td>PANEL 6A</td>
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<td>Archetype analysis of collective action</td>
<td>Different games, different governance problems?</td>
<td>Characterizing the performance of polycentric governance regimes</td>
<td>Risk governance at the interface</td>
<td>New research on urban and metropolitan governance</td>
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<td>3:30 – 5:00 PM</td>
<td>PANEL 7A</td>
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<td>Applying collective action theory to agricultural water management</td>
<td>How do institutions evolve and spread? Empirical evidence for the evolution of governance systems</td>
<td>Evaluating the performance of polycentric governance regimes</td>
<td>Rescaling the commons</td>
<td>Lessons about participation and decision making in the commons</td>
<td>Puzzles in Theorizing about Behavior, Choice, and Institutions</td>
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Concurrent Panels Schedule *(continued)*

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<tr>
<th>TIME</th>
<th>ROOM</th>
<th>Persimmon</th>
<th>Oak</th>
<th>Dogwood</th>
<th>Maple</th>
<th>Walnut</th>
<th>Sassafras</th>
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<tr>
<td>**Friday</td>
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<td>8:30–10:00 AM</td>
<td>PANEL 8B</td>
<td>Governance and law in institutional perspective: Historical experience and the future</td>
<td>PANEL 8C</td>
<td>Change and performance of interactions in polycentric governance</td>
<td>PANEL 8D</td>
<td>Conserving the post-colonial landscape: Postcolonial studies and the governance of protected and conserved areas</td>
<td>PANEL 8E</td>
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<tr>
<td>10:30 AM – 12:00 PM</td>
<td>PANEL 9A</td>
<td>Tocqueville and the place of self-governing persons in a republic</td>
<td>PANEL 9B</td>
<td>Closing space or changing space? Why countries change the legal institutions governing the state–civil society relationship</td>
<td>PANEL 9C</td>
<td>Cooperatives and other enterprises</td>
<td>PANEL 9D</td>
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<td>1:30–3:00 PM</td>
<td>PANEL 10A</td>
<td>Legacies of institutional change</td>
<td>PANEL 10C</td>
<td>Complexity, collective action, and coordination in polycentric and hybrid governance arrangements</td>
<td>PANEL 10D</td>
<td>Dimensions of environmental governance: Knowledge and power in a global south–north dialogue</td>
<td>PANEL 10E</td>
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— Showalter Fountain & Lilly Library
Detailed Agenda

Conference sessions will be held in the IMU Tree Suites rooms—Dogwood, Maple, Oak, Persimmon, Sassafras, Walnut—located on the Main Level above the Biddle Hotel lobby. The Poplar Room will be available for informal meetings and can be scheduled at the conference office (Charter M009).

Recording and live video streaming services will not be available for panel sessions.

Visit IU’s mobile podcast trailer, Stories from Home, in Dunn Meadow to record your story and help celebrate the Workshop. Recording slots are available in 20-minute increments during the following days/times: Tuesday, June 18 (2–5 PM) and Wednesday, June 19 (5–8 PM).

– TUESDAY –

TUESDAY | JUNE 18

2:00 – 5:00 PM
CONFERENCE CHECK-IN
Charter M009

– WEDNESDAY –

WEDNESDAY | JUNE 19

8:00 – 9:00 AM
BREAKFAST BUFFET
Frangipani M051

8:00 – 9:00 AM
CONFERENCE CHECK-IN
Charter M009

9:00 – 10:15 AM
PLENARY INTRODUCTION BY LEE ALSTON & RESEARCH PROGRAM DIRECTORS
Whittenberger 151

Dean Lueck, Natural Resource Governance
Scott Shackelford, Cybersecurity and Internet Governance
Angie Raymond, Data Management and Information Governance
Gustavo Torrens, Political, Economic, and Legal Institutions and Organizations (PELIO)

—Introduction by IU President Michael McRobbie

10:15 – 10:30 AM
BREAK
Frangipani M051

10:30 AM – 12:00 PM
PANELS 1A – 1E

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10:30 AM – 12:00 PM
PANEL 1A: Who Controls What, When? Reflections on Governance in the Built Environment from the Perspective of Design, Law, and Economics
Persimmon M040

Chair: John Horowitz • Discussant: Robert Holahan

West, John, “Technologies of Urban Citizenship, or What Controls Who, When, and What Does it Mean?”
Kendall, Stephen, “Governance in the Production and Transformation of the Built Environment—An Architectural Perspective”
Horowitz, John, “Ostrom’s and Habraken’s Contrasting Views on Environmental Governance”
10:30 AM – 12:00 PM  
PANEL 1B: Cultural Multilevel Selection and the Evolution of Governance: Models and Theory  
*Chair: Jeremy Brooks • Discussant: Jeffrey Andrews*  
Waring, Tim, Jeremy Brooks, and Vicken Hillis, “Environmental Governance Institutions Evolve by Cultural Group Selection”  
Safarzynska, Karolina, and Marta Sylwestrzak, “Are Groups Less Cooperative Than Individuals? Groups as Likely as Individuals to Help an Outgroup If It Is Economically Beneficial, but Not under Resource Inequality”  
von Ende, Samantha, “Tolls of Winter, Fruits of Spring: The Roles of Narrative and Political Leadership in the Egyptian and Tuni-
  sian Critical Transitions”  

10:30 AM – 12:00 PM  
PANEL 1C: Climate Change, Complex Systems Governance, and Human-Scale versus People-Centered Development  
*Chair: Jieling Liu • Discussant: Daniel Cole*  
Gatzweiler, Franz W., Jieling Liu, and Manasi Kumar, “Complex Systems, Climate Change, Urban Health and the Human Scale: An Evolutionary Complex Systems Perspective on Urban Health”  
Liu, Jieling, “The Missing Puzzle to Achieving People-Centred Urban Development and Ecological Governance for Climate Change in China”  
de Wit, Fronika, “Polycentric Climate Governance and Indigenous Epistemologies and Ontologies in the Amazon”  
Nordman, Erik, and Robert Killeen, “Analyzing Voluntary 2030 District Energy Programs Using the Institutional Analysis and Devel-
  opment Framework”  

10:30 AM – 12:00 PM  
PANEL 1D: Governing the Commons: Past and Present  
*Chair: Dean Lueck • Discussant: Aaron Lien*  
Larsson, Jesper, and Eva-Lotta Päiviö Sjaunja, “Reindeer, Fish, and Game—Transitions in Early Modern Sami Natural Resource Management”  
Baur, Ivo, and Heinrich Nax, “Exploring the Link between Appropriation and Provision Behavior”  
Lueck, Dean, and Gustavo Torrens, “Property Rights and Domestication of Animals”  

10:30 AM – 12:00 PM  
PANEL 1E: Governing Knowledge Commons  
*Chair: Madelyn Sanfilippo • Discussant: Scott Shackelford*  
Madison, Michael, Brett Frischmann, and Katherine Strandburg, “Knowledge Commons”  
Strandburg, Katherine, Brett Frischmann, and Michael Madison, “Governing Medical Knowledge Commons”  
Sanfilippo, Madelyn Rose, Brett Frischmann, and Katherine Strandburg, “Privacy as Knowledge Commons Governance”  
Hoffmann, Nimi, “How to Build a Strong Knowledge Commons: Learning from CODESRIA under Structural Adjustment”  
Mattioli, Michael, “Applying the Governing Knowledge Commons Framework”  

12:00 – 1:30 PM  
LUNCH (self-organized)

1:30 – 3:00 PM  
PANELS 2A – 2E  

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<td>[Persimmon M040]</td>
<td>[Oak M012]</td>
<td>[Dogwood M045]</td>
<td>[Walnut M015]</td>
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1:30 – 3:00 PM  
PANEL 2A: Collaborative Governance in Municipalities: The Impact of Law, Central Government Budget, and Information  
*Chair & Discussant: Robert Bish*  
Kravchuk, Robert, “Polycentric Governance and the Theory of Budget Constraints: Do the Conditions of Money and Credit Com-
  promise the Compound Republic?”  
Avellaneda, Claudia, and Tom Rabovsky, “Identifying the Users and Drivers of Data-Based Decision-Making in Southwest Indiana Counties”
1:30 – 3:00 PM  PANEL 2B: Pragmatics of the Grammar of Institutions
Oak M012  Chair: Edella Schlager • Discussants: Sue Crawford & Edella Schlager
Brady, Ute, “International Conservation Treaties and Biodiversity Declines: Comparing Written and Perceived Rule Configurations to Assess Treaty Effectiveness in Generating Behavior Change”
Lien, Aaron, “Using the IGT and QCA to Evaluate the Institutional Structures of Water Quality Trading Programs”
Sidikki, Saba, “Linking the Grammar of Institutions and Agent-Based Modeling to Examine Regulatory Outcomes”
Rice, Doug, Saba Sidikki, Hyoung Keun (Jay) Kwon, Adam Sawyer, and Seth Frey, “Machine Coding with the Grammar of Institutions”
Weible, Chris, and Tanya Heikkila, “Comparative Polycentricity”

1:30 – 3:00 PM  PANEL 2C: The Shadow of the Future and the Shadow of the Past: Studying the Impact of Climate Change on Human Behavior
Dogwood M045  Chair: Björn Vollan • Discussant: Tiffany Morrison
Kampenhuber, Lukas, Björn Vollan, Andreas Landmann, and Bernd Hayo, “Disaster Resilience and Causal Linkages between Natural Disasters and Human Behavior: A Case Study from the Philippines”
Mayer, Matthias, and Björn Vollan, “Confirmation Bias and Sea Level Rise: Evidence from Bangladesh, Solomon Islands, and Vietnam”
Steimanis, Ivo, and Björn Vollan, “Does the Anticipation of Being Displaced Affect Pro-Social Preferences? Evidence from Solomon Islands, Bangladesh, and Vietnam”

1:30 – 3:00 PM  PANEL 2E: Governing the Internet of Everything
Walnut M015  Chair: Scott Shackelford • Discussant: Angie Raymond
Shackelford, Scott, “Governing the Internet of Everything”
Henshel, Diane, “Risk Management in the IoT Context”
Craig, Amanda, “Securing Things”
Cherry, Barbara, “The Unique U.S. Legal Battle over Governance of Internet-Related Services”

3:30 – 5:00 pm  PANELS 3A – 3F

3:30 – 5:00 PM  PANEL 3A: Collaborative Efficiency in the Polycentric Metropolis?
Persimmon M040  Chair & Discussant: Eric Zeemering
Aldag, Austin, Mildred Warner, and Germà Bel, “It Depends on What You Share: The Elusive Cost Savings From Service Sharing”
Zeemering, Eric, “Competition, Cooperation, and Conversation: Exploring Local Officials’ Communication Networks and the Consequence for Policy”

3:30 – 5:00 PM  PANEL 3C: Roundtable on Teaching the IAD and SES Frameworks
Dogwood M045  Chair: Klaus Eisenack
John Anderies, Paul Chalekian, Daniel Cole, Klaus Eisenack, Marco Janssen, Michael McGinnis, and Edella Schlager
3:30 – 5:00 PM  PANEL 3D: Environmental Governance: Broadening Ontological Spaces for a More Livable World
Maple M020  Chair: Laura German • Discussant: Jacob Weger

German, Laura, Jacob Weger, Walker DePuy, Katie Foster, Anya Bonanno, Suneel Kumar, Kristen Lear, and Raul Basilio, “Environmental Governance Visibilities and Invisibilities”
Weger, Jacob, Suneel Kumar, and Raul Basilio, “Thinking Water Relationally: Beyond the Water Governance Discourse”
Bonanno, Anya, Katie Foster, and Laura German, “Land as an Object of ‘Good Governance’: Beyond Rights and Property”

3:30 – 5:00 PM  PANEL 3E: Blockchain: Innovation in Distributed Governance in the Cryptosphere
Walnut M015  Chair: Petrus Potgieter • Discussant: Seth Frey

Howell, Bronwyn, “Industry Self-Regulation of Cryptocurrency Exchanges”
Potgieter, Petrus, “The Techno-Economic Content of Your Crypto Wallet”
Howell, Bronwyn, “Governance of Blockchain and Distributed Ledger Technology Projects: A Common-Pool Resource View”

3:30 – 5:00 PM  PANEL 3F: The Challenge of Governing an Interconnected Amazon: Analytical Tools for Comparing Adjacent Social-Ecological Landscapes
Sassafras M035  Chair & Discussant: Michael McGinnis

Massoca, Paulo, “Halting Deforestation in Brazilian Amazon: Lessons from the ‘Deforestation Blacklist’”
Alves Zacareli, Murilo, “Governing Biodiversity through Public-Private Institutional Arrangements: The Case of the Union for Ethical BioTrade in the Brazilian Amazon”

DINNER (self-organized)
### Thursday | June 20

**8:00 – 8:30 AM**  
**CONTINENTAL BREAKFAST**

**Frangipani M051**

**8:30 – 10:00 AM**  
**PANELS 4A – 4F**

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| State-reinforced self-governance  
[Persimmon M040] | Global overpopulation: Models for addressing the ultimate problem of the commons  
[Oak M012] | Adapting to change: Local networks at the energy-climate interface  
[Dogwood M045] | Dividing the commons: Native and Hispanic resource ownership and development in the western US  
[Maple M020] | The drama of the community resource directory data commons  
[Walnut M015] | Local governance and performance in Latin America  
[Sassafras M035] |

**8:30 – 10:00 AM**  
**PANEL 4A: State-Reinforced Self-Governance: Outlining the Future of Self-Governance**

**Persimmon M040**  
**Research and Policy in Highly Regulated Polycentric Cities and Metropolitan Systems**

Chair: Daniel DeCaro • Discussant: Michael McGinnis

- DeCaro, Daniel, Willow S. Dietsch, and Emmanuel Frimpong Boamah, "Decentralized Provision of Community-Governed Greenspace in Two Cities: Chicago (IL) and Louisville (KY)."
- Foster, Sheila, “Community Land Trusts and Polycentric Governance”
- Siddiki, Saba, “State-Reinforced Self-Governance in Urban Neighborhoods: A Study of Community Boards in New York City”

**8:30 – 10:00 AM**  
**PANEL 4B: Global Overpopulation—Models for Addressing the Ultimate Problem of the Commons**

**Oak M012**

Chair: Alon Tal • Discussant: Oyabade Kunle Oyerinde

- Tal, Alon, “Human Population as a Global Commons: A Brief History of Attempts at International Interventions”
- Weld, Madeline, “How Do Empathy and Guilt Affect Needed Action on Population Reduction?”
- Shragg, Karen I., “Move Upstream: My Story about Overpopulation and Its Ever-Present Solutions”

**8:30 – 10:00 AM**  
**PANEL 4C: Adapting to Change: Local Networks at the Energy-Climate Interface**

**Dogwood M045**

Chair: Derek Kauneckis • Discussant: Frank Goetzke

- Kauneckis, Derek, “The Emerging Polycentricity of Subnational Climate Adaptation Networks in the United States”
- Long, Le Anh Nguyen, and Gwen Arnold, “Investigating the Relational Predictors of Environmental Governance Outcomes”
- Roggero, Matteo, “Multi-Level Climate Action Turned Sour: How Does Cities’ Climate Leadership Look without National Support?”
- Wardropper, Chloe, and Adena Rissman, “Adaptations to Extreme Storm Events by County-Level Conservation Agencies in the U.S. Midwest”

**8:30 – 10:00 AM**  
**PANEL 4D: Dividing the Commons: Native and Hispanic Resource Ownership and Development in the Western US**

**Maple M020**

Chair: Steven M. Smith • Discussant: Mark Kanazawa

- Frye, Dustin, “Resource Extraction under Governance and Land Tenure Regimes: Lessons from American Indian Reservations”
- Smith, Steven M., “The Relative Economic Merits of Alternative Water Rights”
- Day, Shane, “An Introduction to the Tribal Governance Database Project”

**8:30 – 10:00 AM**  
**PANEL 4E: The Drama of the Community Resource Directory Data Commons**

**Walnut M015**

Chair: Angie Raymond • Discussant: Rick Dietz

- Bloom, Greg, “The Open Referral Initiative: Developing New Solutions for the Community Resources Data Anti-Commons”
- Lambacher, Kate, “Tools and Rules to Support Multi-Stakeholder Resource Data Management”
### Thursday

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<td>8:30 – 10:00 AM</td>
<td><strong>PANEL 4F: Local Governance and Performance in Latin America</strong></td>
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<tr>
<td><strong>Sassafras M035</strong></td>
<td>Chair: Claudia Avellaneda • Discussant: Tara Grillos</td>
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<td>de la Riva Agüero, Renzo, “Opening the Black Box: Explaining the Effects and Mechanisms of Municipal Performance in Climate Change”</td>
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<td>Nelson-Núñez, Jami Gayle, Claudia Avellaneda, and Fiorella Vera Adrianzen, “How and When Do Municipalities React to a Results-Based Budgeting Program? The Case of Peruvian Municipalities”</td>
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<td>10:00 – 10:30 AM</td>
<td><strong>BREAK</strong></td>
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<td><strong>Frangipani M051</strong></td>
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<tr>
<td>10:30 AM – 12:00 PM</td>
<td><strong>PANELS 5A – 5D</strong></td>
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<tr>
<td><strong>Panel 5A</strong></td>
<td>Local governance and the public's health in Sub-Saharan Africa [Persimmon M040]</td>
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<td><strong>Panel 5B</strong></td>
<td>Emerging approaches for measuring institutions at scale [Oak M012]</td>
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<td><strong>Panel 5C</strong></td>
<td>Theoretical foundations of polycentric governance [Dogwood M045]</td>
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<td><strong>Panel 5D</strong></td>
<td>Commons and rural governance [Maple M020]</td>
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<tr>
<td>10:30 AM – 12:00 PM</td>
<td><strong>PANEL 5A: Local Governance and the Public's Health in Sub-Saharan Africa: Past, Present, and Future</strong></td>
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<td><strong>Persimmon M040</strong></td>
<td>Chair: Mathias Akuoko &amp; Lynette Ametewee • Discussant: Kristine Lykens</td>
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<td>Ametewee, Lynette, Kristine Lykens, Mathias Akuoko, and Charles Acolatse, “A Systematic Review of Queen Mother’s Roles in Sub-Saharan Africa Regarding Women and Children’s Health and Education”</td>
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<td>Darimani, Abdulai, “Natural Resources Governance in Urban Communities of Ghana”</td>
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<td>Lykens, Kristine, Lynette Ametewee, Mathias Akuoko, and Charles Acolatse, “Traditional Local Authorities Role in Maternal and Child Health in Ghana”</td>
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<td>Sulemana, Iddisah, “Pocketbook and Sociotropic Corruption Voting in Africa: Empirical Evidence from Ghana”</td>
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<tr>
<td>10:30 AM – 12:00 PM</td>
<td><strong>PANEL 5B: Emerging Approaches for Measuring Institutions at Scale</strong></td>
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<td><strong>Oak M012</strong></td>
<td>Chair: Marion Dumas • Discussant: Tanya Heikkila</td>
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<td></td>
<td>Dumas, Marion, Edella Schlager, and Chris Ropers, “The Grammar of Rules and Language Parsing: Can We Automate the Coding of Formal Rules?”</td>
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<td>Basurto, Xavier, Mateja Nenadovic, Maria José Espinosa, and Amy Hudson Weaver, “Co-Producing Primary-Data Collection for Large-Scale Studies of Self-Governance Performance: The Challenges of Working with Disadvantaged Populations”</td>
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<td>Vannoni, Matia, Elliott Ash, and Massimo Morelli, “Measuring Discretion and Delegation in Legislative Texts: Methods and Application to U.S. States”</td>
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<td>Mikhaylov, Slava, and Kakia Chatsiou, “Artificial Intelligence Methods for Political Science: Machine Learning, Deep Learning, Natural Language Processing”</td>
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<td>10:30 AM – 12:00 PM</td>
<td><strong>PANEL 5C: Theoretical Foundations of Polycentric Governance</strong></td>
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<td><strong>Dogwood M045</strong></td>
<td>Chair: Prakash Kashwan • Discussant: Andreas Thiel</td>
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<td>Holahan, Robert, “Polycentric Local Governance and the Political Economy of Urban Service Delivery”</td>
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<td>Morrison, Tiffany, “Power as a Driver in Polycentric Sustainability Governance”</td>
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<td>Roggero, Matteo, Anastasia Gotgelf, and Klaus Eisenack, “PolycentriCities: Different Paths to Ambition in Climate Cooperation among Cities”</td>
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<td>Theesfeld, Insa, “The Concept of Pseudo-Commons”</td>
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<td>Kashwan, Prakash, “Polycentric Governance: Revisiting the Classics to Draw Lessons for Global Climate Governance”</td>
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<td>10:30 AM – 12:00 PM</td>
<td><strong>PANEL 5D: Commons and Rural Governance</strong></td>
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<td><strong>Maple M020</strong></td>
<td>Chair: Ying Chai &amp; Raymond Yu Wang • Discussant: Yi Xie</td>
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<td>Chai, Ying, Hoaran Zhang, Yong Luo, Yi Wang, and Yunmin Zeng, “Payments for Environmental Services (PESs), Institutional Bricolage, and the Performance of Village-Managed Irrigation Systems (VMISs) in China?”</td>
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</table>
Jiang, Qiang, “The Impacts of Intensive Water Use in North China’s Food Production”

12:00 – 1:30 PM  LUNCH (self-organized)
1:30 – 3:00 PM  PANELS 6A – 6F

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<tr>
<td>Archetype analysis of collective action</td>
<td>Different games, different governance problems?</td>
<td>Characterizing the performance of polycentric governance regimes</td>
<td>Risk governance at the interface</td>
<td>Change and its challenges to collective action</td>
<td>New research on urban and metropolitan governance</td>
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<tr>
<td>[Persimmon M040]</td>
<td>[Oak M012]</td>
<td>[Dogwood M045]</td>
<td>[Maple M020]</td>
<td>[Walnut M015]</td>
<td>[Sassafras M035]</td>
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1:30 – 3:00 PM  PANEL 6A: Archetype Analysis of Collective Action: Transferring Insights into Sustainability Patterns, Problems, and Strategies across Contexts
Chair: Anastasia Gotgelf • Discussant: Gwen Arnold
Villamayor-Tomas, Sergio, Matteo Roggero, and Irene Iniesta, “Generic and Specific Adaptation Institutions, Always Relevant? An Archetype Analysis of Drought Adaptation in Spanish Irrigation Systems”
Epstein, Graham, “Sustainability Archetypes in Common Property Research”
Gotgelf, Anastasia, Matteo Roggero, and Klaus Eisenack, “Archetypical Opportunities for Water Governance Adaptation to Climate Change”

1:30 – 3:00 PM  PANEL 6B: Different Games, Different Governance Problems? Understanding Diversity in Action Situations
Chair: Bryan Bruns • Discussant: James Walker
Brons, Bryan, “Diagnosing Social Dilemmas”
Frey, Seth, and Curtis Atkisson, “Preferences Over Games and the Evolution of Institutions”
Lubell, Mark, Jack Mewhirter, Ramiro Berardo, and John Scholz, “The Origins of Conflict in Polycentric Governance Systems”

1:30 – 3:00 PM  PANEL 6C: Characterizing the Performance of Polycentric Governance Regimes
Chair: Andreas Thiel • Discussant: Elizabeth Baldwin
Schröder, Nadine, “Limitations to Effects of Participatory Governance in Polycentric Arrangements Illustrated through Examples from Water Governance”
Malik, Anas, “Interreligious Covenants as Constitutional-Level Support for Local Civic Artisanship: Muslim Places of Worship and the Governance of Traffic and Parking in the US and Canada”

1:30 – 3:00 PM  PANEL 6D: Risk Governance at the Interface
Chair: Samantha Hamlin • Discussant: Landon Yoder
Hamlin, Samantha, and Max Nielsen-Pincus, “Green Infrastructure at the Interface of Flood Hazard and Floodplain Management”
Matsler, Marissa, “The Eco-Techno Spectrum as a Frame for Interdisciplinary Urban Nature Governance Research”
Gray, Benjamin, “The Process of Risk Governance in the Wildland-Urban Interface”

1:30 – 3:00 PM  PANEL 6E: Change and Its Challenges to Collective Action
Chair: Eduardo Araral • Discussant: Yi Xie
Araral, Eduardo, Yahua Wang, and Chunliang Chen, “Effects of Migration on Collective Action in the Commons: Evidence from Rural China”
Thapa, Bhuwan, and Christopher Scott, “Institutional Strategies for Adaptation to Water Stress in Farmer-Managed Irrigation Systems of Nepal”
Li, Chen, and Xiangmu Jin, “Can China Achieve Requisition-Compensation Balance of Arable Land Production Capacity via Quality Improvement at the County Level?”
# Thursday

## 1:30 – 3:00 PM
**Panel 6F: New Research on Urban and Metropolitan Governance**

**Sassafras M035**  
Chair & Discussant: Ronald Oakerson

Fischer, Matthew, “Second-Order Collective-Action Dilemmas and the Governance of Police Organizations”

Myers, John, “Fixing Urban Planning with Ostrom: Strategies for Existing Cities to Adopt Polycentric, Bottom-Up Regulation of Land Use”

Kim, Jonglip, and Junseok Hwang, “The Future of Local Governance for Appropriately Adapting the Ride-Sharing Platform: Case Study of Seoul, New York, and Maryland”

## 3:00 – 3:30 PM
**Break**

**Frangipani M051**

## 3:30 – 5:00 PM
**Panels 7A – 7F**

### Panel 7A
Applying collective action theory to agricultural water management  
[Persimmon M040]

### Panel 7B
How do institutions evolve and spread? Empirical evidence for the evolution of governance systems  
[Oak M012]

### Panel 7C
Evaluating the performance of polycentric governance regimes  
[Dogwood M045]

### Panel 7D
Rescaling the commons  
[Maple M020]

### Panel 7E
Lessons about participation and decision making in the commons  
[Walnut M015]

### Panel 7F
Puzzles in theorizing about behavior, choice, and institutions  
[Sassafras M035]

## 3:30 – 5:00 PM
**Panel 7A: Applying Collective Action Theory to Agricultural Water Management**

**Persimmon M040**

Chair: Landon Yoder • Discussant: Gemma Smith

Ranjan, Pranay, “Effects of Institutional and Infrastructure Designs on Collective-Risk Social Dilemma: A Case of Agriculture Drainage Systems”

Wagner, Courtney Hammond, “Strengthening the Institution-Behavior Link in the SES Framework to Analyze Agricultural Water Quality Management”

Yoder, Landon, “Collective Incentives to Address Agricultural Nonpoint Source Pollution”

Rissman, Adena, “Governing Private Land: Rights, Responsibilities, and Responses to Environmental Change”

## 3:30 – 5:00 PM

**Oak M012**

Chair: Vicken Hillis • Discussant: Karolina Safarzynska


Beitl, Christine, “Collective Action in Response to Coastal Degradation? Cultural Multi-Level Selection for Analyzing the Emergence and Dynamics of Community-Based Associations in Ecuador”

Hillis, Vicken, “Applying a Cultural Multilevel Selection Framework to the Adoption of Sustainable Management Practices in California Viticulture”


## 3:30 – 5:00 PM
**Panel 7C: Evaluating the Performance of Polycentric Governance Regimes**

**Dogwood M045**

Chair: Bryan Bruns • Discussant: Elizabeth Baldwin

Laurens, Emma, Abigail York, and Gwen Arnold, “The Vulnerability of Polycentricity: The Case Study of Fracking Governance in Pennsylvania”


Kellner, Elke, Christoph Oberlack, and Jean-David Gerber, “Polycentric Governance Compensates for Incoherence of Resource Regimes: The Case of Water Uses under Climate Change in Oberhasli, Switzerland”
– THURSDAY –

3:30 – 5:00 PM      PANEL 7D: Rescaling the Commons: Reflecting on the Past, Present, and Future Engagement with the Concept of Scale
Maple M020
Chair: Hillary Smith • Discussant: Xavier Basurto

Smith, Hillary, Alejandro Garcia Lozano, and Xavier Basurto, “Unsettling the Concept of Scale and the Commons: A Review of Scalar Ontology and Directions for Future Research”
Bennett, Abigail, “Interrogating Scalar Discourses of Fish Trade: Theorizing Market Engagements in Contemporary Commons”
Mancha-Cisneros, Maria Del Mar, Xavier Basurto, Nicole Franz, Simon Funge-Smith, Giulia Gorelli, Nicolas Gutierrez, David Mills, John Virdin, and Lena Westlund, “Illuminating Hidden Harvests: The Global and Local Contributions and Impacts of Small-Scale Fisheries to Sustainable Development”

3:30 – 5:00 PM      PANEL 7E: Lessons about Participation and Decision Making in the Commons
Walnut M015
Chair: Marco Janssen • Discussant: Klaus Eisenack

Zetland, David, “Teaching the Commons”
Janssen, Marco, W. Zhang, R. Meinzen-Dick, et al., “What Does a Framed Field Experiment on Community Forestry Leave Behind in India? A Qualitative and Quantitative Exploration”

3:30 – 5:00 PM      PANEL 7F: Puzzles in Theorizing about Behavior, Choice, and Institutions
Sassafras M035
Chair: TBD • Discussant: Daniel DeCaro

Haugh, Todd, “Harmonizing Governance, Risk Management, and Compliance through the Paradigm of Behavioral Ethics Risk”
Chalekian, Paul, “Principles, Proverbs, Patterns and Principles: A Public Administration History toward Applying Living Processes”

5:15 – 6:15 PM      RECEPTION (HORS D’OEUVRES & CASH BAR) & GROUP PHOTOGRAPH
Musical Arts Center, 101 N. Jordan

DINNER (self-organized)
**FRIDAY | JUNE 21**

**8:00 – 8:30 AM**
CONTINENTAL BREAKFAST

**8:30 – 10:00 AM**
PANELS 8B - 8E

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**8:30 – 10:00 AM**

**PANEL 8B: Governance and Law in Institutional Perspective: Historical Experience and the Future**

Chair: Grzegorz Blicharz • Discussant: Jianxun Wang

Blicharz, Grzegorz, “Legal Aspects of Governing the Commons and Technical Challenges of Smart City Development”

Longchamps de Berier, Franciszek, “Pragmatism, Tolerance, and Compromise: Values behind Governing an Ancient Megaorganization”

Orentlicher, David, “Bridging Societal Divides through Governance Design”

Payne, Sean, and Frank Goetzke, “The Public Choice and Transaction Cost Traditions in Ostrom’s Thinking about Governing the Commons”

**PANEL 8C: Change and Performance of Interactions in Polycentric Governance**

Chair: Andreas Thiel • Discussant: Prakash Kashwan


Thiel, Andreas, “Comparing Interactions of Nested Competition and Collaboration in Polycentric Organic Farming”

Lien, Aaron, and Elizabeth Baldwin, “Collective Action and Invasive Species Governance in Southern Arizona”

Kellner, Elke, and Christoph Oberlack, “Emerging Collective Action to Resolve Sustainability Trade-Offs in Polycentric Governance Systems: Evidence from Trift, Switzerland”

Malik, Anas, “The Roots of Polycentricity and Water Governance in Pakistan”

**PANEL 8D: Conserving the Postcolonial Landscape: Postcolonial Studies and the Governance of Protected and Conserved Areas**

Chair: Jennifer Kelleher • Discussant: D. G. Webster

Kelleher, Jennifer, “The Coloniality of Nature Conservation Law and Implications for Governance”

Nakangu-Bugembe, Barbara, “Seeking Viable Solutions through Engaging Critical Discourse on PA Governance and Management in Uganda”

Mustonen, Tero, “We Belong to the Land: Survival and Revitalisation under Northern Climate Change”

Hotte, Ngaio, Robert Kozak, and Stephen Wyatt, “How Institutions Shape Trust during Collective Action: A Case Study of Forest Governance on Haida Gwaii”

**PANEL 8E: Irrigators and Irrigation Reform**

Chair: Insa Thesfled • Discussant: Mathew Kurian

Thesfled, Insa, and Frederike Klumper, “Expanding the SES Framework to Structure the Analysis of Two or More Interlinked Resources”


Villalobos Enciso, Jose, Patricia E. Rodriguez, Daisy Escobar Castillejos, and Giuseppe Feola, “Searching for an Appropriate Water Governance of Rainfall Harvesting and In-Situ Water Treatment Systems in Small Communities of Chiapas, Mexico”

**10:00 – 10:30 AM**
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<td>Tocqueville and the place of self-governing persons in a republic</td>
<td>Closing space or changing space? Why countries change the legal institutions governing the state–civil society relationship</td>
<td>Cooperatives and other enterprises</td>
<td>Institutional legacies and governing the commons: Lessons from rangeland governance</td>
<td>Democratization and development</td>
<td>New perspectives on the commons</td>
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**PANEL 9A: Tocqueville and the Place of Self-Governing Persons in a Republic**

**Persimmon M040**

Chair: Ronald Oakerson • Discussant: Barbara Allen

Oakerson, Ronald, "Individuals, Republics, and the Human Condition”


Sain, Robert, "Tocqueville and Self-Governing Persons in the United States”

**PANEL 9B: Closing Space or Changing Space? Why Countries Change the Legal Institutions Governing the State–Civil Society Relationship**

**Oak M012**

Chair: Anthony Demattee • Discussant: Samantha von Ende


Reddy, Michelle, "Foreigner Aid or Foreign Agents?: The Rise of Legislative Restrictions on Foreign Funding to NGOs in Democracies and Developing Countries”

DeMattee, Anthony, “The Long Road to Here: Understanding the Development of CSO Regulatory Regimes in 19 Countries”

Tarko, Vlad, “Patterns of Contestation: An Empirical Exploration of the Tension between Diversity and Stability”

**PANEL 9C: Cooperatives and Other Enterprises**

**Dogwood M045**

Chair: James Farmer • Discussant: Marc-André Pigeon

Taylor, Keith, “Institutional Analyses of the Modes of Entrepreneurship and Support in the Development of Cooperative Enterprises”

Farmer, James, and Jennifer Robinson, “Using the SES to Study Local Food Governance and Community Action”

Ambiard, Laurence, “Collective Action as a Tool for Agri-Environmental Policy Implementation: The Case of Diffuse Pollution Control in European Rural Areas”

Pigeon, Marc-André, “Against the Grain: The Unusual Case of Saskatchewan’s Credit Union Deposit Insurance Scheme”

**PANEL 9D: Institutional Legacies and Governing the Commons: Lessons from Rangeland Governance**

**Maple M020**

Chair: Chloe Wardropper • Discussant: Jesper Larsson

Gillin, Kramer, “Mixed Property Regimes in Tajikistan Rangeland Governance”


Wollstein, Katherine, Chloe Wardropper, and Dennis Becker, “Outcome-Based Approaches on Idaho’s Public Rangelands: Co-Managing for Improved Outcomes?”

Li, Wenjun, and Lynn Huntsinger, “Case Studies in Community Response and Adaptation to Leviathan in China and the United States I: China”

Huntsinger, Lynn, and Wenjun Li, “Case Studies in Community Response and Adaptation to Leviathan in China and the United States II: The United States”

**PANEL 9E: Democratization and Development**

**Walnut M015**

Chair: Linda Ahunu • Discussant: Franz Gatzweiler


10:30 AM – 12:00 PM  PANEL 9F: New Perspectives on the Commons
Sassafras M035  Chair & Discussant: David Zetland
Lyke, Sheldon Bernard, “The Chicken Little Commons: The Socially Constructed Crisis in Legal Education”

12:00 – 1:30 PM  DOCUMENTARY FILM SHOWING—Actual World, Possible Future: The Lives and Works of Elinor & Vincent Ostrom (directed by Barbara Allen) (Lunch – RSVP only)

12:00 – 1:30 PM  LUNCH (self-organized)

1:30 – 3:00 PM  PANELS 10A – 10F

1:30 – 3:00 PM  PANEL 10A: Legacies of Institutional Change
Persimmon M040  Chair: Mark Kanazawa • Discussant: Bobbi Herzberg
Tangenberg, Elijah, “Resource History Matters: Resource System Path Dependence in the Anthropocene”
Herbst, Mikolaj, “The Persistent Legacy of the Fallen Empires: Assessing the Effects of Poland’s Historical Partitions on Contemporary Social Norms towards Education”
Kanazawa, Mark, “Judicial Deference and the Efficiency of the Common Law”

1:30 – 3:00 PM  PANEL 10C: Complexity, Collective Action, and Coordination in Polycentric and Hybrid Governance Arrangements
Dogwood M045  Chair: Martin Spacek • Discussant: Karen Baehler
Spacek, Martin, and Milan Husar, “Cross-Border Governance in the European Union—Polycentricity in Action?”
Kluvankova, Tatiana, Veronika Gezik, and Viera Bastakova, “Commons and Governance of Ecosystem Services”

1:30 – 3:00 PM  PANEL 10D: Dimensions of Environmental Governance: Knowledge and Power in a Global South–North Dialogue
Maple M020  Co-chairs: Claudia Avellaneda & Jamie Nunez • Discussant: Laurence Amblard
Delaroche, Martin, and Daniel Cole, “The Frontier Forest as a Specific Type of Social-Ecological System: A Comparative Study of Brazil and the US”
Glaser, Marion, “Marine and Coastal Governance to Facilitate Sustainability Transformation”
Frey, Klaus, Pedro Torres, Ruth Ferreira Ramos, and Pedro Roberto Jacobi, “Ostrom Meets the Urban Global-South”
Gonçalves, Leandra, D. G. Webster, and Rakhyun Kim, “The Emergence of a New Legally Binding Agreement for a Marine Complex System: Are We Going beyond Panaceas?”
Besen, Gina Rizpah, and Jutta Gutberlet, “Participatory Urban Solid Waste Governance in the Global South”

1:30 – 3:00 PM  PANEL 10E: Approaches to Sustainability and Well-Being
Walnut M015  Chair: Fiona Nunan • Discussant: Erik Nordman
Nunan, Fiona, Mary Menton, Kate Schreckenberg, Connie McDermott, and Mark Huxham, “How Does Governance Mediate Links between Ecosystem Services and Human Wellbeing? Results from a Systematic Mapping and Rigorous Review of Literature”
Kurian, Mathew, et al., “One Swallow Does Not Make a Summer”
Goegele, Hannes, “Towards a Polycentric Approach to Implement the 2030 Agenda”
### FRIDAY

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<td>Chair &amp; Discussant: Prakash Kashwan</td>
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<td>Punjabi, Bharat, “Stasis and Dynamism: The Paradox of Post-Disaster Urban Reform in Mumbai and Chennai”</td>
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<td>3:15 – 4:30 PM</td>
<td><strong>PLENARY ADDRESS BY THRÁINN EGGERTSSON, “GOVERNANCE IN THE 21ST CENTURY”</strong></td>
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<td>Whittenberger 151</td>
<td>— Introduction by Lee Alston</td>
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<td>5:00 – 8:00 PM</td>
<td><strong>BANQUET DINNER (TICKETED EVENT)</strong></td>
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<td>Tudor Room 169</td>
<td>5:00–6:00 Hors d’oeuvres &amp; cash bar</td>
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— Sample Gates, Indiana & Kirkwood avenues
Special thanks to:

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William Blomquist | Professor of Political Science, Adjunct Professor of Public & Environmental Affairs, IUPUI

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Angie Raymond | Program on Data Management and Information Governance
Gustavo Torrens | Program on Political, Economic, and Legal Institutions and Organizations (PELIO)

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