Standing Panel on Technology Leadership
Technology Leadership Panel Team

**Co-Chair. Alan R. Shark, Ph.D.**
Executive Director for Public Technology Institute, Associate Professor, Schar School of Policy and Government, George Mason University

**Co-Chair. Theresa A. Pardo, Ph.D.**
Associate Vice President, Division for Research and Economic Development, Special Assistant to the President, Senior Fellow - CTG UAlbany and Professor, Public Administration and Policy, Rockefeller College, University at Albany, State University of New York
Solving Public Management Challenges
Through Independent Thought Leadership and In-Depth Analysis

Who We Are

Established in 1967, the Academy responds to requests for assistance from Congress; federal agencies; and state, local, and international government entities on issues of importance. As a Congressionally-chartered non-partisan 501(c)(3) nonprofit, we also provide thought leadership that advances the field of public administration through the work of our research staff and nearly 1,000 elected Fellows.
12 Grand Challenges in Public Administration

- Protect Electoral Integrity and Enhance Voter Participation
- Modernize and Reinvigorate the Public Service
- Develop New Approaches to Public Governance and Engagement
- Advance National Interests in a Changing Global Context
- Foster Social Equity
- Connect Individuals to Meaningful Work
- Build Resilient Communities
- Advance the Nation’s Long-Term Fiscal Health
- Steward Natural Resources and Address Climate Change
- Create Modern Water Systems for Safe and Sustainable Use
- Ensure Data Security and Privacy Rights of Individuals
- Make Government AI-Ready
Our Programs

Center For Intergovernmental Partnerships
The Academy provides intergovernmental solutions and expertise to promote effective governance and collaboration among federal, state, and local governments.

Agile Government Center
The Academy’s Agile Government Center offers innovative approaches and strategies to help governments adapt to changing societal, technological, and organizational challenges, fostering agility and responsiveness in the public sector.

Active Forums
The Academy’s active forums provide a platform for expert-led discussions, knowledge-sharing, and collaboration among public administration professionals, promoting thought leadership and advancing the field.

Events
The Academy hosts engaging events, including conferences, workshops, and seminars, that bring together public administration experts, practitioners, and policymakers to share insights, foster dialogue, and promote best practices in governance and public administration.

Standing Panels
The Academy’s Standing Panels convene thought leaders around six specific areas critical to the success of public administration.
Solving the Data Problem for the Climate Crisis: A Two-Part Series

- The world urgently needs more and better data to solve the climate crisis.
  - Global earth observation data is essential for understanding, modeling, and predicting the course of climate change, and better local data is essential to plan and implement programs for climate change mitigation, adaptation, and resilience.
- This two-part panel will discuss the state of both global and local data for climate action, current challenges, and new opportunities.
  - It will explore data-related challenges that must be met if AI is to deliver on its potential as a tool to address the climate crisis and will contribute to NAPA’s grand challenge on making government AI ready.

**Part 1: Data for Global Climate Knowledge**
Thursday, August 8, 1:00-2:30pm (ET)

**Part 2: Solving the Local Data Problem for Climate Action**
Thursday, September 14th, 1:00 – 2:30 pm (ET)
Solving the Data Problem for the Climate Crisis

Series Organizers

**Joel Gurin**
President and Founder, Center for Open Data Enterprise (CODE)

**Theresa A. Pardo, Ph.D.**
Associate Vice President, Division for Research and Economic Development, Special Assistant to the President, Senior Fellow-CTG UAlbany, and Professor, Public Administration and Policy, Rockefeller College, University at Albany, State University of New York
Part 2: Solving the Local Data Problem for Climate Action

- Government officials, community leaders, NGOs, business leaders, and scientists often don’t have the accurate, usable local data they need for climate action.
- Many countries, provinces, and cities lack reliable data on healthcare, transportation, infrastructure, energy, agriculture, or other systems needed for adaptation and resilience planning.
- This panel will explore multidisciplinary approaches to solving this problem, including the use of official statistics and government data and other, newer sources.
- Panelists will explore the potential for new forms of collaboration between national statistics offices (NSOs), national ministries (e.g., meteorological or environmental), and the private sector; data collection by NGOs; community science data programs; meteorological and other sensors; AI-enabled analysis of non-official data and data sources; improved granular data from satellite observations; and other strategies for collecting, publishing, and using both global and local data for climate action.
Solving the Local Data Problem for Climate Action

Distinguished Panelists

- Robert S. Chen, Ph.D,
  Director
  Center for International Earth Science Information Network
  Columbia Climate School
  Columbia University

- Priya L. Donti, Ph.D,
  Co-founder and Executive Director
  Climate Change AI

- Jed Sundwall
  Executive Director
  Radiant Earth

- Cecile S. Rousseaux, Ph.D
  Research Scientist NASA
Part 2. Solving the Local Data Problem for Climate Action

- Each panelist will be asked a question in turn followed by invited comments by fellow panelists.
- This segment of the program will run until approximately 2:00 followed by an open forum.
- Please use the Q&A option to post your questions for the panel.
- The session will adjourn at 2:30 pm ET.
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Q&A
Data for Global Climate Knowledge
Distinguished Panelists

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Director
Center for International Earth Science Information Network
Columbia Climate School
Columbia University

Priya L. Donti, Ph.D,
Co-founder and Executive Director
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- Date and Time: Thursday, September 14th, 1:00 – 2:30 pm (ET)
- Panelists include:
  - Jorge González-Cruz, Ph.D. Professor, Atmospheric & Environmental Sciences, University at Albany, SUNY
  - Linet Kwamboka, Senior Program Manager, Data4Now
  - Ann Marie Chischilly, Esq., Vice President, Office of Native American Initiatives, Executive Director Institute for Tribal Environmental Professionals, Northern Arizona State University
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Thank you!

See you on September 14th