

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.

[Learn More](#)



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.

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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.

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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.

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Standing Panels

The Academy's Standing Panels convene thought leaders around six specific areas critical to the success of public administration.

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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 (eg 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

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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

