

2022 Annual Meeting

The Changing Geopolitics of Climate Change and the Energy Transition

Friday, October 14, 2022

8:30 AM - 6:00 PM ET

Andlinger Center for Energy and the Environment, Maeder Hall

AGENDA

8:30 AM **Registration and Breakfast**

9:00 AM **Welcome**

Claire F. Gmachl, Interim Director of Andlinger Center for Energy and the Environment; Eugene Higgins Professor of Electrical Engineering; Head of Whitman College, Princeton University

Andrea J. Goldsmith, Dean of the School of Engineering and Applied Science; Arthur LeGrand Doty Professor of Electrical and Computer Engineering, Princeton University

9:15 AM **Morning Keynote**

Amanda Lacaze, CEO and Managing Director, Lynas Rare Earths

*Chris Greig, Moderator, Theodora D. '78 & William H. Walton III '74
Senior Research Scientist at the Andlinger Center for Energy and the Environment, Princeton University*

10:15 AM **Panel: Climate Change and Conflict**

A changing climate and rapidly transforming global energy economy could have profound implications for national and global security. Does confronting an issue of intrinsically global scale require us to revise the paradigms of “allies” and “rivals”?

*Chris Greig, Moderator, Theodora D. '78 & William H. Walton III '74
Senior Research Scientist at the Andlinger Center for Energy and the Environment, Princeton University*

Marcus King, Professor of the Practice in Environment and International Affairs, Edmund A. Walsh School of Foreign Service, Georgetown University

Matthew Levinger, Research Professor of International Affairs; Director of the National Security Studies Program; Director of the Master of International Policy and Practice Program, Elliot School of International Affairs, The George Washington University

Morielle Lotan, CEO and Founder, MILE Ventures and Climate180

12:00 – 2:00 PM **Lunch and Poster Session**

2:15 PM **Afternoon Keynote**

Jigar Shah, Director, Loans Program Office, Department of Energy



Jesse Jenkins, Moderator, Assistant Professor of Mechanical and Aerospace Engineering and the Andlinger Center for Energy and the Environment, Princeton University

3:15 PM

Panel: Future of Seaborne Traded Energy Commodities

The global transition to net-zero will see a fundamental shift in the energy commodities that are produced, shipped and consumed. Will coal, oil, and natural gas which currently provide 80% of global energy be substituted by clean carriers like hydrogen? How will we supply the huge demand for energy transition materials like copper, lithium, rare earths, and nickel, and who will be the energy superpowers in 2050?

Eric Larson, Moderator, Senior Research Engineer, Energy Systems Analysis Group, Andlinger Center for Energy and the Environment, Princeton University

Anthony Ku, Co-chair of the Industrial Advisory Board, IRTC-Business

Yueh-Lin (Lynn) Loo, Chief Executive Officer, Global Centre for Maritime Decarbonisation; Former Director, Andlinger Center for Energy and the Environment; Theodora D. '78 and William H. Walton III '74 Professor in Engineering, on leave from Princeton University

Ryo Okumura, Department Manager, Upstream and Carbon Management Lead; Diamond Climate Impact Ventures (DCIV) BE Catalyst Team; EX Taskforce, Mitsubishi Corporation

4:30 PM

Panel: Globalizing Technology and Finance

The global transition to net-zero requires an unprecedented allocation of capital and deployment of technology and infrastructure. This panel explores the opportunities and challenges of such mobilization at a global scale.

Jesse Jenkins, Moderator, Assistant Professor of Mechanical and Aerospace Engineering and the Andlinger Center for Energy and the Environment, Princeton University

Sean Kelleher, Senior Group Director of Finance, Worley

Sri Sekar, Climate Finance Lead, Deloitte

Bella Tonkonogy, U.S. Director, Climate Policy Initiative (CPI)

5:45 PM

Adjourn

Barry Rand, Associate Director for External Partnerships, Andlinger Center for Energy and the Environment; Associate Professor of Electrical and Computer Engineering and Andlinger Center for Energy and the Environment, Princeton University

6:00 PM

Reception