

Sub-National Management of the Low-Carbon Transition for Fossil Fuel Labor Forces

A Global Climate Action Summit Affiliate Event Co-Hosted by:

**UC Berkeley Center for Economics, Resources, and Innovation (CERI)
and the London School of Economics (LSE)**

Thursday, September 13, 2018 | 10:30–Noon

At: ClimateWorks Foundation
235 Montgomery St Suite 1300, San Francisco, CA 94104, Asia Conference Room

Overview

This panel event will explore the options that decision-makers at sub-national level have for effectively managing the challenges raised by the loss of jobs in fossil fuel extraction industries as a result of the low-carbon transition. It is recognized that the prospect of these job losses can generate strong opposition against efforts to accelerate the transition to low-carbon economic growth and development. However, such opposition can be overcome by policies to manage the transition so that redundant labor forces are re-deployed or helped in other ways. Panel members, drawn from the Just Transition Research Coalition, will discuss the latest findings about what can be learned from past economic transitions in energy and other sectors, and insights into the challenges facing sub-national decision-makers who are engaging with labor forces in the oil, gas, and coal industries across the world.

Agenda

- 10:30 am** **Welcome and Introductions**
—Moderator: Jan Mazurek, ClimateWorks Foundation
- 10:40 am** **Panel Presentations**
- UK oil and gas industry*
—Maria Carvalho, London School of Economics
- China coal labor force transition*
—Jiang Lin, UC Berkeley CERI
- United States transition*
—TBD
- Canada transition*
—Lori Thorlakson, University of Alberta
- Panel Discussion*
—David Roland-Holst, UC Berkeley CERI
- 11:30** **Moderated Discussion**
- 11:50** **Wrap-up/Closing Thoughts**
- Noon** **Adjourn**

Panelists

Maria Carvalho, London School of Economics—Dr. Maria Carvalho is a policy analyst with the London School of Economics (LSE) Grantham Research Institute on Climate Change & Environment (GRI), where she focuses on energy and climate policies for the EU, along with North American policy engagement. Maria has previously worked for New Energy Finance (later acquired by Bloomberg) in the Carbon Markets team and has also consulted for the World Bank, the Overseas Development Institute, the UN Commission on Trade and Development, the GRI at the LSE, and UCL's Green Economy Policy Commission. Maria holds a PhD with the Geography and Environment Department at LSE, an MSc in Environmental Policy and Regulation, and a BAH in Economics and Development at Queen's University, Canada.

Jiang Lin, University of California, Berkeley and Lawrence Berkeley National Laboratory—Dr. Jiang Lin is a Professor at the Department of Agricultural and Resource Economics at the University of California at Berkeley. He also serves as the Nat Simons Presidential Chair in China Energy Policy at the Lawrence Berkeley National Lab (Berkeley Lab), where he is a Staff Scientist in the China Energy Group. His research is focused on energy and climate policy, energy and emissions pathways, electricity market and planning, low-carbon economy transition and appliance efficiency issues in China. He is a co-Director of the Berkeley-Tsinghua Joint Research Center on Energy and Climate Change (BTJRC), a collaborative initiative between Berkeley Lab, the UC Berkeley, and Tsinghua University. Jiang formerly served as director of the Energy Foundation's China Sustainable Energy Program and senior vice president for strategy and analysis. Jiang holds a PhD in Demography from UC Berkeley, an MS in Population Studies and BS from the Department of Cybernetics Engineering from Xi'an Jiaotong University, China.

David Roland-Holst, University of California, Berkeley—Dr. David Roland-Holst is adjunct professor of agricultural and resource economics in the College of Natural Resources. He is an expert on the Chinese economy, international development, and environmental economics. Roland-Holst has authored six books and more than 100 professional journal articles and book chapters. He has also served in academic posts in the United States, Europe, and Asia, and conducted research in more than 40 countries, working with such institutions as the Asian Development Bank, Inter-American Development bank, Organization for Economic Cooperation and Development (OECD), World Bank, and several United Nations agencies, as well as governments in Asia, Latin America, Europe, Africa and the United States. He holds a Ph.D. in economics from UC Berkeley.

Lori Thorlakson, University of Alberta—Dr. Lori Thorlakson is an Associate Professor and Jean Monnet Chair in the Department of Political Science at the University of Alberta. Her research focuses on issues of party competition and representation in multi-level systems, including federations and the European Union. Lori is also Director of the European Union Centre of Excellence at the University of Alberta, which works to foster research in areas of common Canadian and EU interest, including multiculturalism and minority rights, energy and the environment and the North. Lori holds a PhD from the London School of Economics and has held a postdoctoral fellowship at the European University Institute.

Moderator

Jan Mazurek, ClimateWorks Foundation—Dr. Jan Mazurek directs ClimateWork's Buildings, Industry, and Power portfolios. She has worked on energy and environmental policy at the federal and state level for more than 25 years. Prior to ClimateWorks, then-Governor Schwarzenegger appointed her to serve as senior policy advisor to the California Air Resources Board (CARB). Mazurek also served as a member of the Obama-Biden Presidential Transition Team, advising on U.S. Environmental Protection Agency toxics, pesticides, and children's health issues. She has published two books with the MIT Press and Johns Hopkins University presses, respectively, and more than 100 other publications, including op-eds in major U.S. newspapers. Dr. Mazurek also has testified on environmental policy matters before U.S. Congressional subcommittees. She holds a doctorate from UCLA's Luskin School of Public Affairs.