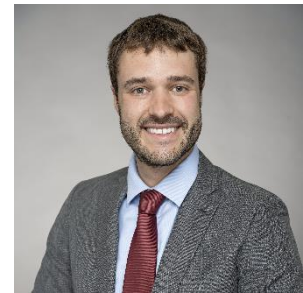


## 2024 FALL ECON SUMMIT ON CLIMATE RISK

### Speaker Profiles – Insurance

#### Philip Mulder

Philip Mulder is an Assistant Professor of Risk and Insurance at the Wisconsin School of Business. His research focuses on disaster insurance markets and how they affect climate resiliency and adaptation. Philip's dissertation research has been recognized with awards from the American Real Estate and Urban Economics Association, the Geneva Association, and the American Academy of Actuaries. Before joining UW-Madison, Philip was a postdoctoral researcher with the U.S. Treasury Office of Financial Research. He earned his Ph.D. from the University of Pennsylvania's Wharton School.



#### Sid Biswas

Siddhartha Biswas is a financial economist in the Supervision, Regulation, and Credit Department of the Federal Reserve Bank of Philadelphia. His research focuses on topics in household finance, education, and climate risks. His recent work explores how climate risks and related insurance protections impact housing and mortgage markets. Specifically, he is interested in assessing households' financial resilience to large wealth shocks from physical climate risks and the resulting implications for household welfare, lenders, and governments. He holds a Ph.D. in economics from the University of North Carolina at Chapel Hill.



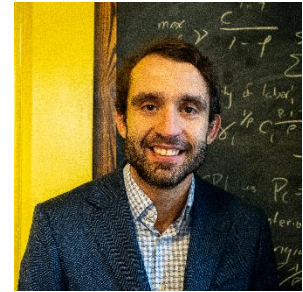
## Amanda Ross

Amanda Ross is an applied microeconomist with focus in the areas of urban economics, real estate economics, and public economics. Dr. Ross' research examines the impact of public policies, such as state tax policy, bankruptcy law, and the housing voucher program, on the development of cities and housing markets. Her research has been published in various outlets including American Economic Journal: Economic Policy, Journal of Urban Economics, Regional Science and Urban Economics, Economic Inquiry, Contemporary Economic Policy, and Real Estate Economics. Dr. Ross is a co-editor for the Journal of Economic Geography. She earned her Ph.D. in Economics from Syracuse University and her B.A. in Economics from Binghamton University. Prior to joining Culverhouse, Dr. Ross was an Assistant Professor at West Virginia University.



## George Krivorotov

George Krivorotov is a senior financial economist in the Retail Credit Risk Analysis Division within Supervision Risk & Analysis of the Office of the Comptroller of the Currency (OCC), where he has worked since 2017. Dr. Krivorotov conducts research on topics including climate-related financial risk and its modeling, machine learning, real estate economics, and quantitative macroeconomics. He holds a doctorate in economics from the University of Minnesota and an undergraduate degree in mathematics from the University of Virginia.



## Xuesong You

Xuesong (Song) You is a senior economist on Freddie Mac's Economic and Housing Research team in the Chief Administrative Officer (CAO) Division. His research focuses on issues related to climate risk and their interactions with the housing market. Before joining Freddie Mac in 2022, Song worked as a postdoctoral research fellow at the University of Pennsylvania's Wharton Risk Center, where he conducted research on understanding the economic impacts of natural hazards. Song holds a Ph.D. in Risk Management and Insurance from Temple University and is an Associate of the Society of Actuaries.



## Jacob Gellman

Jacob Gellman is a postdoctoral fellow in the Department of Economics at the University of Alaska Anchorage. His research focuses on the economics of natural disasters, climate adaptation, and public lands. Some current projects investigate adaptation to climate change and natural disasters in homeowners insurance markets, welfare damages of wildfire smoke for outdoor recreation, and the effect of natural disaster forecasts and alerts on evacuations. Gellman holds a Ph.D. from the University of California, Santa Barbara. As a researcher at the Earth Research Institute in Santa Barbara, he worked on interdisciplinary wildfire issues with economists, ecologists, meteorologists, and other natural scientists. Previously, Gellman worked as an energy economics consultant, where he advised utilities and tribes on energy decisions and produced expert witness testimony for entities such as the US Department of Justice and the Illinois Attorney General.



## Speaker Profile – Keynote

### Nancy Wallace

Nancy Wallace is a Professor of Finance and Real Estate and holds the Lisle and Roslyn Payne Chair in Real Estate and Capital Markets at the Haas School of Business, the University of California, Berkeley. She is Chair of the Real Estate Group, Co-Chair of the Fisher Center for Real Estate and Urban Economics, and directs the Real Estate and Financial Markets Laboratory. She teaches asset-backed securitization, real estate investment analysis, real estate strategy, and real estate finance at Haas. Her research focus includes residential house price dynamics, mortgage contract design and pricing, securitization and asset backed security pricing and hedging, lease contract design and pricing, methods to underwrite energy efficiency in commercial mortgages, and valuation models for executive stock options.



## Speaker Profiles – Securitization

### Malik Hossain

Mallick Hossain is a financial economist at the Federal Reserve Bank of Philadelphia. His research interests broadly cover consumer finance, disaster risk, and health economics. Recently, his work has focused on understanding the impacts of natural disasters on household finance and consumer credit. He has written papers on how wildfires affect mortgage performance and how flood risk is incorporated into mortgage-backed securities.

Before joining the Bank, he worked as a Staff Economist for President Obama's Council of Economic Advisers and for the Census Bureau. He received his Ph.D. in Economics from the University of Pennsylvania.



### Penny Liao

Yanjun (Penny) Liao is an economist and fellow at Resources for the Future. Her research primarily focuses on issues of natural disaster risk management and climate adaptation. She has studied the impacts of disasters on local government budgets, housing markets, and demographic changes. Her ongoing work investigates how disaster insurance interacts with the housing and mortgage sector, as well as the economic and fiscal impacts of adaptation policies on local communities. Liao earned her PhD in economics from UC San Diego in 2019 and conducted her postdoctoral research during 2019–21 at the Wharton Risk Center at University of Pennsylvania.



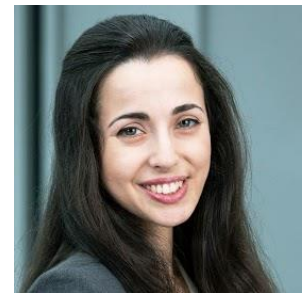
## Amine C-L. Ouazad

Amine Charles-Louis Ouazad is an Associate Professor at HEC Montréal's Department of Economics. His research was cited in Congressional hearings, the Financial Times, Wall Street Journal, New York Times, CBS, Bloomberg, Politico, etc. He serves on the scientific and awards committees of the American Real Estate and Urban Economics Association, and the scientific committee of the Urban Economics Association. Previously he was an Associate Professor at Ecole Polytechnique, France, an Associate Professor at Rutgers Business School, New Jersey, and an Assistant Professor at INSEAD, Fontainebleau. In April 2020, he was appointed DLA Piper Distinguished Visiting Professor of Economics at Johns Hopkins University. He was a Senior Fellow of Johns Hopkins' 21st Century Cities Initiative.



## Ana-Maria Tenekedjieva

Ana-Maria Tenekedjieva is a senior economist at the Federal Reserve Board of Governors. Her research focuses on the interaction between physical climate risk and financial institutions. She received a Ph.D. in finance from Chicago Booth.



## Speaker Profiles – Mortgage Performance

### Jesse Gourevitch

Jesse Gourevitch is an economist at the Environmental Defense Fund. His research examines the economic and financial impacts of climate change on households and communities across the United States, with a particular focus on how housing, insurance, and mortgage markets are responding to increasing flood risk. In better understanding how climate-related financial impacts are distributed among demographic and socioeconomic groups, Jesse's research also aims to support state and federal policymakers in developing more equitable and efficient climate adaptation strategies. Prior to joining EDF, Jesse completed a postdoctoral fellowship at the Wharton Risk Center at the University of Pennsylvania, served as a consultant for the WAVES program at the World Bank, and worked as research scientist for the Natural Capital Project. Jesse holds a Ph.D. in natural resources from the University of Vermont and B.A. in environmental studies from Carleton College.



### Becka Brolinson

Becka Brolinson specializes in environmental economics, focusing on energy economics and natural disaster risk in mortgage finance. Her research has focused on household response to residential energy prices, green labeling of commercial office space, and natural disaster risk in mortgage finance. Brolinson has a B.A. in Economics with Minors in Mathematics and Spanish from the University of Vermont and an M.A. and Ph.D. in Economics from Georgetown University.





## Nuno Mota

Nuno Mota is an economist and senior manager of the climate research team in the Economic and Strategic Research group at Fannie Mae. His research has focused on real estate finance topics related to climate change and housing affordability. Most recently, he has conducted research on the impacts of flood damages on mortgage performance and home sales, and on how flood risk information disclosure impacts home prices. He has also published research related to mortgage closing costs and home purchase appraisals. His work has been published in the *Journal of Urban Economics*, the *Journal of Housing Economics*, and the *Journal of Real Estate Finance and Economics*. Nuno received his Ph.D. in Economics from Syracuse University and M.Sc. in Economics from Iowa State University.



## Siqi Zheng

Siqi Zheng is the STL Champion Professor of Urban and Real Estate Sustainability at the Center for Real Estate, and Department of Urban Studies and Planning, at Massachusetts Institute of Technology (MIT). She is the faculty director of the MIT [Center for Real Estate](#). She established MIT [Sustainable Urbanization Lab](#) in 2019, and is the director of her Lab. She is also the faculty chair of the [MIT Asia Real Estate Initiative](#). Prof. Zheng is currently the 2nd Vice President of [American Real Estate and Urban Economics Association](#), and the former President of the Asian Real Estate Society (2018-2019) (and is on its Board now). She is the Co-Editor of *the Journal of Regional Science*, and former co-editor of *Environmental and Resource Economics* (on its Scientific Advisory Board now). She is on the editorial board of *Real Estate Economics*, *Journal of Housing Economics*, and *Journal of Real Estate Finance and Economics*.

