

## Contributors

**ELIZABETH ALLEN** is an interdisciplinary climate adaptation and resilience researcher, with a focus on sociotechnical transformations in energy and agricultural systems. Elizabeth is the Associate Director of Research Development in the College of Arts, Media and Design at Northeastern University. She also serves on the board of directors for the Sustainable Consumption Research and Action Initiative. Previously, Elizabeth was a postdoctoral research associate at Northeastern's Global Resilience Institute, conducting participatory research for resilient community economic development. She holds a PhD in environmental science from Washington State University.

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**MEHDI BEHROOZI** is an assistant professor in the Department of Mechanical and Industrial Engineering at Northeastern University. His primary research focuses on finding robust solutions and developing efficient algorithms for problems in geographic resource allocation, logistics, and transportation. He is the recipient of the 2017 INFORMS Transportation Science & Logistics Society Dissertation Prize and an associate editor of the *Journal of Industrial and Production Engineering*.

**NECATI OGUZ DUMAN** received his PhD under the supervision of Ozlem Ergun at Northeastern University in 2021 where he focused on last-mile delivery models. During his PhD studies, he worked for Deliv, a third-party logistics company using

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**RASHMI DYAL-CHAND** is Professor of Law and Affiliate Professor of Public Policy and Urban Affairs at Northeastern University, where she teaches and writes about property law, poverty, local economic development, and consumer law. Her article “Human Worth as Collateral” won the 2006 Association of American Law Schools scholarly papers competition for new law teachers. She has published two books with Cambridge University Press: *Collaborative Capitalism in American Cities: Reforming Urban Market Regulations* (2018) and *Legal Scholarship for the Urban Core: From the Ground Up* (2019, co-editor). Her work has appeared in law journals including the *Columbia Law Review*, the *Boston University Law Review*, and the *Fordham Law Review*.

**MATTHEW J. ECKELMAN** is an associate professor of civil and environmental engineering at Northeastern University. His research laboratory builds data-driven life cycle assessment and industrial ecology models for sustainability analysis in a range of areas including chemicals, buildings and infrastructure, and health care. He is also Chief technical officer of the environmental consulting firm Sustainability A to Z, with fifteen years of environmental consulting experience working with manufacturing companies, industry associations, and public agencies on circular economy and green engineering projects. He worked previously for the Massachusetts Executive Office of Environmental Affairs and holds a PhD from Yale University.

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**YULIYA KALMYKOVA** is currently an associate professor and the founding director of the Urban Metabolism Research Group, Chalmers University of Technology, Gothenburg, Sweden. She develops data-driven decision-making methods and solutions for sustainable cities, using material flow analysis-based models, life cycle assessment, system dynamics, and circular economy, and industrial symbiosis tools created in her group. Her research interests include identification, development, and implementation of processes, technologies, and business models that enable circular economy as well as socioeconomic community development and finding ways of achieving sustainable development goals.

**MICHAEL KANE** is an assistant professor of civil and environmental engineering at Northeastern University where his research and teaching focus on automation in the built environment and how people interact with automated systems. Prior to joining Northeastern, he served as a Fellow at the US Department of Energy's Advanced Research Project Agency – Energy where he identified new technology development opportunities for control of civil energy infrastructure, primarily in the areas of transportation, buildings, and distributed energy resources. He holds a PhD from the University of Michigan.

**LAIYANG KE** is a second-year doctoral student in public policy at the Andrew Young School of Policy Studies in Georgia State University. His research interests focus on public budgeting and finance, fiscal federalism, financing for infrastructure and education, and urban policy. He was a research assistant in the Boston Area Research Initiative of Northeastern University before joining the PhD program. He holds an MA in international affairs with a specialization in international economics from the George Washington University and a BA in political science from Shanghai University of Political Science and Law.

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**LAETITIA LAMBILLOTTE** is a researcher at the Catholic University of Louvain and Data Strategy Manager at bpost. She is also an invited lecturer in strategy and international management at the VU Amsterdam. She holds a PhD in Economics and Management Sciences from the Catholic University of Louvain and has extensive experience in digital marketing, data strategy, and innovation. Her current

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**DANIEL T. O'BRIEN** is an associate professor in the School of Public Policy and Urban Affairs and the School of Criminology and Criminal Justice at Northeastern University. His primary expertise is in urban informatics, or the use of modern digital data sets to better understand and serve local communities. He is Director of the Boston Area Research Initiative, an interuniversity center based at Northeastern and Harvard universities, which is an international model for fostering data-driven, community-centered research collaborations that advance both scholarship and practice. In this capacity he has led projects in greater Boston examining numerous subjects, including crime, education, transportation, public infrastructure, and climate resilience. His book *The Urban Commons* (2018), which used the study of custodianship for neighborhood spaces through Boston's 311 system to illustrate the potential of urban informatics, won the American Political Science Association's Dennis Judd Best Book Award for work on urban and local politics.

**JULIET B. SCHOR** is an economist and professor of sociology at Boston College. Schor's research focuses on work, consumption, and climate change. She is the author of *After the Gig: How the Sharing Economy Got Hijacked and How to Win It Back*. Schor's previous books include the national best-seller *The Overworked American* (1992), as well as *The Overspent American* (1998) and *True Wealth* (2011). Currently, Schor is continuing her research on the gig economy and studying the impacts of the four-day workweek.

**YUTONG SI** is a doctoral student in public policy at Northeastern University, with a concentration in sustainability and resilience. Her research interests include policy process, network governance, energy justice, and climate policy. She devotes special attention to interdisciplinary studies that involve public policy, political science, and communication science. Yutong is interested in using computational text analysis and social network analysis in her research.

**JENNIE C. STEPHENS** is the Deans Professor of Sustainability Science and Policy at Northeastern University's School of Public Policy and Urban Affairs. She is an international expert on transformative climate justice, energy democracy, energy

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**STEVEN TADELIS** is Professor of Economics, Business and Public Policy and the Sarin Chair in Strategy and Leadership at University of California–Berkeley’s Haas School of Business. His research focuses on e-commerce, industrial organization, incentives, and contracting. Prior to Berkeley, Steve taught at Stanford University after receiving his PhD in Economics from Harvard. Steve also held positions as a Senior Director and Distinguished Economist at eBay Research Labs (2011–2013) and Vice President of Economics and Market Design at Amazon (2016–2017) where he applied economic research tools to a variety of product and business applications.

**STEVEN P. VALLAS** is Professor of Sociology at Northeastern University. Most of his research concerns the transformation of work, struggles over new technologies, workers’ views of managerial authority, and responses to the demands of the new economy. His current research addresses two overlapping themes: first, the nature of the gig economy, including a study, funded by the National Science Foundation, “Regulating the Algorithmic Workplace: A Multi-Method Study”; and second, the effects of the logistics revolution on the quality of employment. This last theme has involved research on warehouse work in Europe and the United States. He is past editor of *Research in the Sociology of Work*.

**SEYEDMOSTAFA ZAHEDI** is a senior data scientist and a transportation planner at Foursquare ITP in Washington, DC. His research focuses on the intersection of public transportation and mobility-on-demand services aiming to address the weakness of one through the strength of the other. He uses optimization, machine learning, and simulation to find solutions for healthy and mutually beneficial coexistence of these services.

