

Benjamin Goldstein, Ph.D.

Assistant Professor, Department of Bioresource Engineering
Faculty of Agricultural and Environmental Sciences
McGill University
Room MS1-093, MacDonald Stewart Building, Macdonald Campus
21,111 Lakeshore Road, Ste-Anne-de-Bellevue, QC, H9X 3V9, Canada
Phone: 514-398-7809, e-mail: ben.goldstein@mcgill.ca

Education

University of Toronto	2007	B.A.Sc.	Chemical Engineering
Technical University of Denmark	2012	M.Sc.	Environmental Engineering
Technical University of Denmark	2017	Ph.D.	Management Engineering

Professional Appointments

Jan. 2021 -	Assistant Professor, Department of Bioresource Engineering, Faculty of Agricultural and Environmental Sciences, McGill University
Mar. 2017 - Dec. 2020	Postdoctoral Research Fellow, Erb Institute for Global Sustainable Enterprise, School for Environment and Sustainability, University of Michigan
Nov. 2014 - Jun. 2015	Visiting Scholar, School of Architecture and Planning, Massachusetts Institute of Technology
Jan. 2009 - Dec. 2013	Project Scientist, AEL Environment, Mississauga, ON

Publications (selected)

- 2021 Goldstein B., Newell J.P., Pelton R., Gounaridis D. & Schmitt J., Do we accurately measure what we consume? **Nature Sustainability**, (Under Consideration)
- 2021 Cho K., Goldstein B., Gounaridis D. & Newell J.P., Where does your guacamole come from? Detecting deforestation associated with the export of avocados from Mexico to the United States. **Journal of Environmental Management**, 278 (Part 1)
- 2021 Chamanara S., Goldstein B. & Newell J.P., Where is the Beef? Costco's Beef Supply Chain and Environmental Justice in California. **Journal of Cleaner Production**, 278
- 2020 Goldstein B., Dimitrios Gounaridis & Newell J.P., The carbon footprint of household energy use in the United States. **Proceedings of the National Academy of Sciences of U.S.A.**, 117(32)
- 2020 Goldstein B. & Newell J.P., How to track corporations across space and time. **Ecological Economics**, 169
- 2020 Sohn J., Kalbar P., Goldstein B. & Birkved, M., Defining Temporally Dynamic Life Cycle Assessment: A Literature Review. **Integrated Environmental Assessment and Management**, 16(3)
- 2019 Goldstein B. & Newell J.P., Why academics should study the supply chains of individual corporations. **Journal of Industrial Ecology**, 23(6)
- 2019 Newell J.P., Goldstein B. & Foster A., A 40-year review of food–energy–water nexus literature and its application to the urban scale. **Environmental Research Letters**, 14(7)
- 2018 Goldstein B. & Rasmussen F., Life Cycle Assessment of Buildings and the Built Environment. Book Chapter in **Life Cycle Assessment** (eds) Hauschild M., Rosenbaum R., & Olsen S.
- 2017 Mohareb E., Heller M., Novak P., Goldstein B., Fonoll X. & Raskin L., Considerations for reducing food system energy demand while scaling up urban agriculture. **Environmental Research Letters**, 12(12)

- 2017 Goldstein B., Moses R., Sammons N. & Birkved M., Potential to curb the environmental burdens of American beef consumption using a novel plant-based beef substitute. **PLoS One**, 12(12)
- 2017 Goldstein B., Birkved M., Fernández J. & Hauschild, M. Contributions of Local Farming to Urban Sustainability in the Northeast United States. **Environmental Science & Technology**, 51(13)
- 2017 Goldstein B., Birkved M., Fernández J. & Hauschild, M. Surveying the environmental footprint of urban food consumption. **Journal of Industrial Ecology**, 21(1)
- 2016 Goldstein B., Birkved M., Fernández J. & Hauschild, M. Testing the environmental performance of urban agriculture as a food supply in northern climates. **Journal of Cleaner Production**, 135
- 2016 Goldstein B., Hauschild M., Fernández J. & Birkved M. Urban versus conventional agriculture, taxonomy of resource profiles: a review. **Agronomy for Sustainable Development**, 36(9)
- 2013 Goldstein B., Birkved M., Quitzau M-J, & Hauschild M., Quantification of urban metabolism by coupling with the life cycle assessment framework: concept development and case study. **Environmental Research Letters**, 8

Awards and Honors

- 2017 Technical University of Denmark, Young Research Award
- 2012 Technical University of Denmark, International Graduate Student Excellence Scholarship

Conferences (selected)

- 2021 Goldstein, B. with Cho, K., Gounaridis, D. & Newell J.P. *Rubber and risk: Deforestation related to the export of natural rubber from Sri Lanka*, American Association of Geographers 2021 Annual Meeting. Washington, DC. April 7-11, 2021
- 2019 Goldstein, B. with Newell J.P. *Linking Urban and Rural by Tracking Corporate Actors Across Space and Time*, American Association of Geographers 2019 Annual Meeting. Washington, DC. April 7, 2019
- 2017 Goldstein, B. *Assessing the Edible City*, 9th Conference for Industrial Ecology. University of Illinois at Chicago, Chicago, Illinois. June 28, 2017
- 2016 Goldstein B. with Fernandez J., Birkved M. & Hauschild M. *Testing the environmental performance of urban agriculture as a food supply in northern climates*, Gordon Research Conference on Industrial Ecology. Stowe, Vermont. June 24, 2016
- 2014 Goldstein B. *Urban 'Food-prints' and Urban Agriculture - Supplying Food in an Urbanizing World*, World Sustainable Building Conference 2014. Barcelona, Spain. October 29, 2014

Media Coverage (selected)

- 2020 *Scientific American*, "Neighborhood wealth dramatically impacts home greenhouse gas emissions," Nov. 2020
- 2020 *Associated Press*, "Rich Americans spew more carbon pollution at home than poor," Jul. 20, 2020
- 2020 *Planetzen*, "One U.S. state boasts 33% fewer carbon emissions per capita than any other." Aug. 3, 2020
- 2020 CNN, "Wealthy American homes have carbon footprint 25% higher than low-income residences." Jul. 20, 2020
- 2017 *Bloomberg*, "Urban agriculture won't save use from climate change." Jun. 21, 2017