

## Tamar Makov, PhD.

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אוניברסיטת בן-גוריון בנגב  
جامعة بن غوريون في النقب  
Ben-Gurion University of the Negev



### EDUCATION

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- 2019 Ph.D., Environmental Studies  
Yale University, School of the Environment
- 2015 M.Phil., Environmental Studies  
Yale University, School of the Environment
- 2005 B.Sc. Nutrition Science  
Hebrew University of Jerusalem, Faculty of Agriculture, Food, and Environment

### ACADEMIC EXPERIENCE

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- 2021 - Present Senior Lecturer (Associate Professor equivalent)  
Department of Management, Guilford Glazer Faculty of Business and Management,  
Ben-Gurion University of the Negev
- 2019- 2021 Lecturer (Assistant Professor equivalent)  
Department of Management, Guilford Glazer Faculty of Business and Management,  
Ben-Gurion University of the Negev
- 2013-2019 Guest Lecturer and Teaching Assistant  
Yale University, School of the Environment  
Yale University, School of Management
- 2012 Research Assistant  
Weizmann Institute of Science

### PEER-REVIEWED PUBLICATIONS

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- Mohin, B., Miller, M., Voichich, G., Dafna, G., and **Makov, T.**, (2022) "Prosocial Nudges and Visual Indicators Increase Social Distancing but Authoritative Nudges Decrease It", *Proceedings of the National Academy of Sciences of The USA (PNAS)*.
- Meshulam T., Font-Vivanco, D., Blass V., & **Makov, T** (2022), "Sharing Economy Rebound- Evidence from P2P Food Sharing", *Journal of Industrial Ecology*.
- Makov, T.**, and Newman, G.E., (2022). "Psychological Barriers to Sustainability: Understanding Consumer Demand for Products with Redundant Functionalities", *Journal of Sustainable Marketing*.
- Shepon, A., **Makov, T.**, Hamilton, H., Müller, D.B., Gephart, J.A., Troell, M., Golden, C., (2022). "Sustainable Optimization of Global Aquatic Omega n-3 Supply Chain Could Substantially Narrow the Nutrient Gap", *Resources, Conservation and Recycling*.
- Font Vivanco, D., Freire-González, J., Galvin, R., Santarius, T. Walnum, H.K., **Makov, T.**, and Sala, S.(2022), "Rebound Effect and Sustainability Science: A Review", *Journal of Industrial Ecology*.
- Makov, T.**, and Fitzpatrick, C., "Is reparability enough? Big Data Insights into Hardware Obsolescence and Consumer Interest in Smartphone Repair", (2021), *Journal of Cleaner Production*.
- Makov, T**, G.E., Newman, and G., Zauberman, "Inconsistent Allocations of Harms Versus Benefits May Exacerbate Environmental Inequality", (2020), *Proceedings of the National Academy of Sciences of The USA (PNAS)*.

- Makov, T.**, Shepon, A., Gupta, C., Krones, J., and Chertow, M., (2020), "Social and Environmental Analysis of Food Waste Abatement via the Peer-to-Peer Sharing Economy", *Nature Communications*.
- Makov, T.**, Meylan, G., Powell, J.T., and Shepon, A., (2019) "Better Than Bottled Water?—Energy and Climate Change Impacts of on-the-Go Drinking Water Stations," *Resources, Conservation and Recycling*. 143, 320-328
- Makov, T.**, Fishman, T., Chertow, M., and Blass, V., (2019), "What Affects the Second-Hand Value of Smartphones: Evidence from eBay", *Journal of Industrial Ecology*, 23, 549-559.
- Font Vivanco, D., Hoekman, P., Fishman, T., Pauliuk, S., Niccolson, S., Davis, C., **Makov, T.**, and Hertwich, E., (2019), "Interactive Visualization and Industrial Ecology: Applications, Challenges, and Opportunities", *Journal of Industrial Ecology*, 23, 520-531
- Makov, T.**, and Font Vivanco, D., (2018) "Does the Circular Economy Grow the Pie?", *Frontiers in Energy Research*, 6 (39).
- Gupta, C., and **Makov, T.**, (2017), "How Global Is My Local Milk? Evaluating the First-Order Inputs of "Local" Milk in Hawai'i," *Agriculture and Human Values*, 34 (3), 619-630.
- Makov, Tamar** and George E. Newman (2016), "Economic Gains Stimulate Negative Evaluations of Corporate Sustainability Initiatives," *Nature Climate Change*, 6 (9), 844-846.
- Eshel, Gidon, Alon Shepon, **Tamar Makov**, and Ron Milo (2015), "Partitioning United States' Feed Consumption among Livestock Categories for Improved Environmental Cost Assessments," *The Journal of Agricultural Science*, 153 (03), 432-445.
- Eshel, Gidon, Alon Shepon, **Tamar Makov**, and Ron Milo (2014), "Land, Irrigation Water, Greenhouse Gas, and Reactive Nitrogen Burdens of Meat, Eggs, and Dairy Production in the United States," *Proceedings of the National Academy of Sciences of The USA (PNAS)*, 111 (33), 11996-12001.
- Shepon, Alon, **Tamar Israeli**, Gidon Eshel, and Ron Milo (2013), "Ecotime—an Intuitive Quantitative Sustainability Indicator Utilizing a Time Metric," *Ecological Indicators*, 24, 240-245.

#### UNDER REVIEW

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- Makov, T.**, Cansoy, M, Meshulam., T. and., Scholr., J., "Digital food sharing and food insecurity in the COVID-19 era"
- Makov, T.**, Wolfram, P., Blass, V. (*Working paper*) "What is my share? Environmental Impacts of secondary Consumption".

#### WORKING PAPERS

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- Meshulam. T., Goldberg, S., and **Makov, T.**, (*Working paper*) "The Environmental Impacts of the Sharing Economy—A Systemic Review of Empirical Evidence".
- Roichman, R, Shabtai, S., Sprecher, B., Blass, V., & **Makov, T.**, (*Working Paper*) "what happened to that t-shirt you didn't like? The Hidden Environmental Costs of E-commerce Returns".

#### AWARDS, FUNDING & HONORS

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|-----------|---|
| 2021-2023 | Israeli Science Foundation (ISF)  |
| 2021-2022 | German - Israeli Foundation for Scientific Research and Development (GIF)               |
| 2021-2022 | Sloan Foundation, Energy and Environmental Impacts of the Digital Economy               |
| 2020-2021 | Internet Society Foundation   |
| 2020      | Ben-Gurion University of the Negev – Faculty of Management Excellence in Research Award |

2018-2020	Sloan Foundation, Energy and Environmental Impacts of the Digital Economy
2019	Nominated –Journal of Industrial Ecology Best Paper Award for Senior Author
2019	Dissertation Improvement Grant, Yale Institute for Biospheric Studies
2013-2018	Graduate Research Fellowship, Yale University (\$345K)
2016-2018	Sobotka Collaborative Research, Yale Center for Business & the Environment
2017	ISIE Student Chapter Scholarship, NSF
2016	Dissertation Improvement Grant, Yale Institute for Biospheric Studies
2016	Winner - 2016 Industrial Ecology Gordon Research Conference poster competition
2015	Doctoral Discovery Award, Yale Institute for Biospheric Studies
2010-2011	Koret–Milken Institute Fellowship, Jerusalem, Israel

## SELECTED MEDIA MENTIONS

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1. Kunzig, R., (2015) "Carnivore's Dilemma", National Geographic Magazine, <https://www.nationalgeographic.com/foodfeatures/meat/>
2. Collins, N., "Environmentally Conscious Advertising Can Backfire", *Pacific Standard*, <https://psmag.com/news/environmentally-conscious-advertising-can-backfire#.uok7l9p4v>
3. Paben. J., (2018) "The Factors Behind Used Smartphone Value", *E-scrap News*, <https://resource-recycling.com/e-scrap/2018/09/20/the-factors-behind-used-smartphone-value/>
4. Kotler Hadari, T., (2018), "האינטרנט נגד העולם: הגיע הרגע לעצור ולחשוב על ההשפעות הסביבתיות של ההתמכרות לסמארטפון", *Globes*, <https://www.globes.co.il/news/article.aspx?did=1001261582>
5. Walsh, D., (2019), "The Lifespan of a Cellphone", *Yale Alumni Magazine* <https://yalealumimagazine.com/articles/4829-the-lifespan-of-a-cellphone>
6. \*Winrav, G., (2020) "מאחוריהם" החיים מרוץ החיים להשאיר את מרוץ החיים מחפשים להשאיר את מרוץ החיים "מאחוריהם" החיים, *Globes*, <https://www.globes.co.il/news/article.aspx?did=1001328651>
7. \*Teracatin, R., (2020) "Is the coronavirus crisis good for the environment?", *The Jerusalem post* <https://www.jpost.com/israel-news/is-the-coronavirus-crisis-good-for-the-environment-622042>
8. \*The Night News with Romi Noimark (2021) "מזון יד שניה" *Kan 13*
9. \*Gelband. N., (2021) "ישראל מעצמה עולמית": כ-10% מהחברות שהוקמו ממתמקדות באקלים - N12 (mako.co.il)
10. האוניברסיטה המשודרת עם ליעד מודריק (2022) "מבוא למשבר האקלים: קיימות כלכלה ותרבות הצריכה עם ד"ר תמר מקוב
11. Ynet (2022) <https://www.ynet.co.il/environment-science/article/rjmd4esnc> כך תגדל אספקת האומגה-3 ותצומצם הפגיעה בסביבה
12. Hautala. L., (2022), "Returned online buys burn fuel and fill the dump. Here's what could change", CNET, Tech, Returned online buys burn fuel and fill the dump. Here's what could change - CNET