

I am an environmental scientist studying food systems, ecology and sustainability. My current research aims to understand the environmental implications of production and consumption of animal-based products within the US food system and on a global scale. Together with my interest in environmental sciences and in permaculture design, my engagement with [the Israeli Forum for Sustainable Nutrition](#) is focused on implementing sustainable food systems and diets in Israel.

PUBLICATIONS

1. Makov, T., Meylan, G., Powell, J. T., Shepon, A. 2016. Better than bottled water?—Energy and climate change impacts of on-the-go drinking water stations. *Resources, Conservation and Recycling*.
2. Shepon, A., Eshel, G., Noor, E., and Milo, R., 2016. Energy and protein feed-to-food conversion efficiencies in the US and potential food security gains from dietary changes. *Environmental Research Letters*, 11(10).
3. Eshel, G., Shepon, A., Noor, E., and Milo, R., 2016. Environmentally Optimal, Nutritionally Aware Beef Replacement Plant Based Diets. *Environment Science and Technology*, 50 (15), 8164–8168.
4. Eshel, G., Shepon, A., Makov, T., Milo, R., 2014, Land, irrigation water, greenhouse gas and reactive nitrogen burdens of meat, eggs & dairy production in the United States. *Proceedings of the National Academy of Sciences of the U. S. A.* 111, 11996–12001.
5. Eshel, G., Shepon, A., Makov, T., Milo, R., 2014, Partitioning United States' Feed Consumption Among Livestock Categories For Improved Environmental Cost Assessments. *Journal of Agricultural Science, FirstView*, 1–14.
6. Shepon, A., Israeli, T., Eshel, G., Milo, R., 2013, EcoTime—An intuitive quantitative sustainability indicator utilizing a time metric. *Ecological Indicators*, 24, 240-245.
7. Shepon, A. and Gildor, H., 2008, The Lightning-Biota Climatic Feedback. *Global Change Biology*, 14, 440-450, doi: 10.1111/j.1365-2486.2007.01501.x.
8. Shepon A., Gildor, H., Labrador, L.J., Butler, T., Ganzeveld, L.N. and Lawrence, M.G., 2007, Global reactive nitrogen deposition from lightning NOx. *Journal of Geophysical Research*, 112, Art. No. D06304.