

Stanford



Leehi Yona

- Ph.D. Student in Environment and Resources
- Juris Doctor Student, Law
- Student Employee, Student Learning Support

Bio

BIO

I am a Montrealer currently pursuing a PhD in the Emmett Interdisciplinary Program in Environment and Resources at Stanford, where I am a Knight-Hennessy Scholar and a Pierre Elliott Trudeau Foundation Scholar. I am broadly interested in the ways in which climate change science, policy, and advocacy interact and intersect.

At Stanford, I study greenhouse gas inventories and how countries use (or misuse) scientific knowledge in developing national carbon inventories and climate policies. I am particularly interested in the global carbon cycle, and how ecosystem and forest carbon is understood by policymakers.

EDUCATION AND CERTIFICATIONS

- Master of Environmental Science, Yale University, School of Forestry and Environmental Studies (2018)
- Bachelor of Arts, Dartmouth College, Triple Major in Biology (Concentration Ecology), Environmental Studies, Senior Fellowship; Minor in Public Policy (2016)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Leehi studies greenhouse gas inventories and how countries use (or misuse) scientific knowledge in developing national carbon inventories and climate policies. She is particularly interested in the global carbon cycle, and how ecosystem and forest carbon is understood by policymakers.

Publications

PUBLICATIONS

- **Make greenhouse-gas accounting reliable - build interoperable systems** *Comment NATURE*
Luers, A., Yona, L., Field, C. B., Jackson, R. B., Mach, K. J., Cashore, B. W., Elliott, C., Gifford, L., Honigsberg, C., Klaassen, L., Matthews, H., Peng, A., Stoll, et al
2022; 607 (7920): 653-656
- **Factors influencing the development and implementation of national greenhouse gas inventory methodologies** *POLICY DESIGN AND PRACTICE*
Yona, L., Cashore, B., Bradford, M. A.
2022
- **Carbon analytics for net-zero emissions sustainable cities** *NATURE SUSTAINABILITY*
Ramaswami, A., Tong, K., Canadell, J. G., Jackson, R. B., Stokes, E., Dhakal, S., Finch, M., Jittrapirom, P., Singh, N., Yamagata, Y., Yewdall, E., Yona, L., Seto, et al
2021
- **Applying a leverage points framework to the United Nations climate negotiations: The (dis)empowerment of youth participants** *ELEMENTA-SCIENCE OF THE ANTHROPOCENE*
Yona, L., Dixon, M. D., Howarth, R. B., Kapuscinski, A. R., Virginia, R. A.

2020; 8

- **Refining national greenhouse gas inventories.** *Ambio*
Yona, L., Cashore, B., Jackson, R. B., Ometto, J., Bradford, M. A.
2020
- **Integrating policy and ecology systems to achieve path dependent climate solutions** *ENVIRONMENTAL SCIENCE & POLICY*
Yona, L., Cashore, B., Schmitz, O. J.
2019; 98: 54–60
- **A scientist and an advocate.** *Science (New York, N.Y.)*
Yona, L.
2019; 363 (6434): 1474
- **A scientist and an advocate** *SCIENCE*
Yona, L.
2019; 363 (6434): 1474-+
- **The Model Arctic Council: Simulated Negotiations as Pedagogy and Embodied Diplomacy** *AMERICAN REVIEW OF CANADIAN STUDIES*
Sarson, L., Muzik, V., Ray, B., Gambrell, G., Yona, L., Comeau, R.
2019; 49 (1): 105–22