Stanford



Leona Neftaliem

Ph.D. Student in Environment and Resources, admitted Autumn 2022

Bio

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Leona is pursuing a PhD in the Emmett Interdisciplinary Program in Environment and Resources (E-IPER) at Stanford University. Her current research focuses on improving tree detection methods, understanding human migration patterns in response to environmental and socioeconomic pressures, and assessing drivers of urban air quality. She approaches these topics by integrating remote sensing, quantitative surveys, and innovative environmental engineering techniques at different scales and in different cities.

Before Stanford, Leona worked as a research technician at the Smithsonian Environmental Research Center, where she designed technologically innovative climate change experiments. She is a Knight-Hennessy Scholar, National Science Foundation Graduate Research Fellow, and a Stanford School of Sustainability Dean's Graduate Scholar.

HONORS AND AWARDS

- Community Impact Award, Stanford Alumni Association (2024)
- Knight-Hennessy Scholar, Stanford University (2023)
- Graduate Research Fellowship, National Science Foundation (2022)
- Dean's Graduate Scholar, Stanford Doerr School of Sustainability (2022)
- EDGE Fellow, Stanford University (2022)

EDUCATION AND CERTIFICATIONS

- B.S., George Washington University , Biology with honors, minor in Sustainability (2021)

LINKS

- LinkedIn: https://www.linkedin.com/in/leona-neftaliem/
- Personal Website: https://lneftaliem.github.io