

Emily Cristina Rosario

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EDUCATION

Seoul National University, Graduate School of Environmental Studies <i>Master of Science in Environmental Management (Expected August 2026)</i>	Seoul, South Korea Mar 2024 – Present
University of North Carolina at Chapel Hill <i>Bachelor of Arts in Global Studies, concentrated in Global Health and Environment</i> <i>Minor in Asian Studies and Chemistry</i> <ul style="list-style-type: none">Honors Carolina College and Honors Laureate Graduate	North Carolina, USA Aug 2018 – May 2022
Seoul National University, College of Liberal Studies <i>Department of Liberal Studies, Undergraduate Exchange Student,</i>	Seoul, South Korea Jan 2021 – Jan 2022
Yonsei University, International Summer School <i>Yonsei International Summer School, Undergraduate Exchange Student</i>	Seoul, South Korea Jun 2021 – Aug 2021

RESEARCH EXPERIENCE

AI Climate & Environment Lab (ACE), 서울대학교 환경대학원 환경관리학과 <i>Student Researcher</i>	Seoul, South Korea July 2024-Present
Duke University School of Medicine, Duke Cancer Institute <i>Senior Clinical Research Specialist</i> <ul style="list-style-type: none">Assisted cancer disparities studies at the Duke Cancer Institute and Duke Department of Population Health Sciences—CLOVER (climate change, radon exposure, lung cancer risk), MISSION (genomic testing disparities), and ORCHiD (Ovarian Cancer Epidemiology, Healthcare Access and Disparities Study)—within a broader portfolio of cancer epidemiology research in North Carolina.	North Carolina, USA Feb 2023 – Mar 2024

RESEARCH INTEREST

- Artificial Intelligence
- Climate & Energy Systems Modeling & Prediction
- Energy Meteorology
- Renewable Energy Complementarity
- Weather & Energy Forecasting

CONFERENCES AND PUBLICATIONS

Publications Under Journal Review:

Thoumi, A., Raveendran, Y., Fish, L., Gathings, J., **Rosario, E.**, Jones, S. R., Bosworth, H. B., Sutton, L., Strickler, J. H., & Akinyemiju, T. *Access to Guideline-Concordant Oncology Genomic Testing: A Qualitative Study of Black Cancer Patients and Oncology Providers.* 2026

Conference Presentations:

- 2025 Korean Geoscience Union 6th Annual Poster Presenter
- 2025 SNU-NUIST-CityUHK Workshop Poster Presenter