Stanford

Ayako Kawano

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

Bio

BIO

Ayako Kawano is a Ph.D. student at Stanford University. Her research interests include the impact analysis of air pollution on population health and climate change in low- and middle-income countries using remote sensing data and machine learning methods. Before coming to Stanford, she worked as a Data Scientist at UN Global Pulse and as a Program Manager at the United Nations Industrial Development Organization (UNIDO).

EDUCATION AND CERTIFICATIONS

- Master of Public Health (MPH), University of California, Berkeley (2021)
- Cert. in Applied Data Science, University of California, Berkeley (2021)
- Master of Development Studies, Graduate Institute, Geneva (IHEID) (2013)

LINKS

- https://ayako-kawano.github.io/ayako-kawano/: https://ayako-kawano.github.io/ayako-kawano/

Research & Scholarship

LAB AFFILIATIONS

- Stephen Luby, Stanford Luby Lab (9/1/2022)
- Marshall Burke, ECHO lab (9/1/2022)

Professional

WORK EXPERIENCE

- Data Scientist - UN Global Pulse (10/1/2021 - 6/30/2022)
- Project Manager - UNIDO (4/23/2014 - 3/31/2020)
- Management Consultant - Accenture (8/1/2006 - 8/31/2011)

Publications

PUBLICATIONS

- **Improved daily PM2.5 estimates in India reveal inequalities in recent enhancement of air quality**
  Kawano, A., Kelp, M., Qiu, M., Singh, K., Chaturvedi, E., Azevedo, I., Burke, M.
  EarthArXiv.
  2024

- **Association between satellite-detected tropospheric nitrogen dioxide and acute respiratory infections in children under age five in Senegal: spatio-temporal analysis.** *BMC public health*

  Kawano, A., Kim, Y., Meas, M., Sokal-Gutierrez, K.

  2022; 22 (1): 178