

NICOLE S. NGO
University of Oregon

Contact Information

School of Planning, Public Policy and Management
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Employment

2020-present Associate Professor, School of Planning, Public Policy, and Management (PPPM), University of Oregon
January-June 2023 Interim PPPM Undergraduate Director
2016-present Faculty affiliate, Center for Global Health, University of Oregon
2013-2020 Assistant Professor, School of PPPM, University of Oregon

Education

2013 Ph.D. Sustainable Development, Columbia University
Advisers: Douglas Almond, Patrick Kinney, Matthew Neidell
2006 B.A. Economics, University of California, Irvine (cum laude)
B.S. Earth and Environmental Science, University of California, Irvine (cum laude)

Peer-reviewed publications (most recent listed first)

Notes: * Student advisee, + Equal authorship

1. **Ngo, N.S.**, Gotschi, T., and Clark, B.Y. (2021) “The effects of ride-hailing services on bus ridership in a medium-sized urban area using micro-level data: Evidence from the Lane Transit District”, *Transport Policy*, 105, p. 44-53.
2. Krishnamurthy, C.K.+ and **Ngo, N.S.**+ (2020) “The effects of smart-parking on transit and traffic: Evidence from SFpark,” *Journal of Environmental Economics and Management*, 99, 102273.
3. **Ngo, N.S.** (2019) “Urban Bus Ridership, Income, and Extreme Weather Events,” *Transportation Research Part D: Transport and Environment, Disasters & Resilience section*, 77, p. 464-475.
Press coverage: AroundtheO “[UO study finds income affects bus ridership in bad weather](#)”
4. **Ngo, N.S.**, Asseko, S.*, Obiang, M., Allo’o Allo’o, S.M., and Hystad, P. (2019) “The relationship among PM_{2.5}, traffic emissions, and socioeconomic status: Evidence from Gabon using low-cost, portable air quality monitors,” *Transportation Research Part D: Transport*

and Environment, *SI: Urbanization, Transportation, and Air Quality in Developing Countries*, 68, p. 2-9.

5. Gatari, M.J., Kinney, P.L., Yan, B., Sclar, E., Volavka-Close, N., **Ngo, N.S.**, Gaita, S.M., Law, A., Ndiba, P., Gachanja, A., Graeff, J., Chillrud, S.N. (2019) "High airborne black carbon concentrations measured near roadways in Nairobi, Kenya" *Transportation Research Part D: Transport and Environment, SI: Urbanization, Transportation, and Air Quality in Developing Countries*, 68, p. 99-109.
6. **Ngo, N.S.**, Bao, X., and Zhong, N. (2018) "Local pollutants go global: The impacts of intercontinental air pollution from China on morbidity in California," *Environmental Research*, 165, p. 473-483
7. **Ngo, N.S.**, Zhong, N., and Bao, X. (2018) "The effects of transboundary air pollution following major events in China on air quality in the U.S.: Evidence from Chinese New Year and sandstorms," *Journal of Environmental Management*, 212, 15, p. 169-175.
8. **Ngo, N.S.** (2017) "Transit buses, emission standards, and infant health," *Journal of Policy Analysis and Management*, 36, 4, p.773-789.
9. **Ngo, N.S.**, Kokoyo, S., and Klopp, J. (2017) "Why Participation Matters for Air Quality Studies: risk perceptions, understandings of air pollution and mobilization in a poor neighborhood in Nairobi, Kenya," *Public Health*, 142, 177-185.
10. **Ngo, N.S.** and Horton, R. (2016) "Climate change and fetal health: The impacts of exposure to extreme temperatures in New York City," *Environmental Research*, vol. 144, p. 158-164.
11. **Ngo, N.S.** (2015) "Analyzing the relationship between bus pollution policies and morbidity using a quasi-experiment," *Medicine*, vol. 94, issue 37.
12. **Ngo, N.S.**, Gatari, M.J., Yan, B., Chilrud, S., Bouhamam, K., and Kinney, P. (2015) "Occupational exposure to roadway emissions and inside informal settlements in sub-Saharan Africa: A pilot study in Nairobi, Kenya" *Atmospheric Environment*, 111, p. 179-184.
Press Coverage: *The Standard* (Kenyan newspaper), ["Time to clean up the air we breathe"](#)
13. Kinney, PL, Gatari, M., Volavka-Close, N., **Ngo, N.**, Ndiba, PK., Law, A., Gachanja, A., Mwaniki, S., Chillurd, SN., Sclar, E. (2011) "Traffic Impacts on PM_{2.5} Air Quality in Nairobi, Kenya," *Environmental Science and Policy*, 14, p. 369-78.
14. **Ngo N.S.** and Pataki D.E. (2008) "The energy and mass balance of Los Angeles County." *Urban Ecosystems*, 11, 2, 121-139.

Papers under review and working papers

“The effects of ride-hailing services on freeway congestion and air quality: Evidence from Uber in California” (with Chandra K. Krishnamurthy) (*revise and resubmit at Journal of the Association of Environmental and Resource Economists*)

Working paper: https://swopec.hhs.se/slucer/abs/slucer2021_018.htm

“The coronavirus lockdowns affect bus ridership, bikesharing, and equity in a medium-sized county” (with Andrew Martin) (*under review*)

“Does aggressive policing worsen infant health disparities? Evidence from ‘Stop and Frisk’ in New York City” (with James Rising) (*submitted*)

“The impacts of COVID-19 stay-at-home orders on U.S. travel and air quality” (With Edward Wei*)

“A need for longer and more robust studies on air quality in sub-Saharan Africa: A case study in Libreville and Franceville in Gabon” (Sigride Vencesla Jenniska Asseko*, Desouza Alain , Robert Vanceslas Obiang Zogo, Kisy Olivia Simona Nzinga, Abraham Wilfried Willys Bissielou, Rodrigue Martial Nze Ondo, Nicole S. Ngo^)

Note: ^ Senior author

Peer-reviewed reports

Ngo, N.S. and Krishnamurthy, C.K. (2017) “The effects of demand-responsive parking on transit usage and congestion: Evidence from SFpark,” National Institute for Transportation and Communities (NITC-RR-870)

Government reports

Benjamin Y. Clark and **Nicole S. Ngo** (2019) “Policy interventions for managing the risk of wildfire smoke for vulnerable populations” prepared for Lane County Public Health.

Grants and Honors

2022	U.S. Dept. of Energy Grant (Research Associate): “Research project on the recruitment, retention, and promotion of women in the STEM fields”
2019	University of Oregon Sustainability Faculty Fellow Kvarsten Grant, School of PPPM
2014-2017	Underrepresented Minority Program (UMRP) grant, School of PPPM
2015-2016	National Institute for Transportation and Communities (NITC) Grant (PI). “The environmental and economic impacts of smart-parking programs,” Funding: \$46,000
2015	Gabon-Oregon Center Seed Grant, Gabon-Oregon Transnational Research Center (co-PI). “A study on urban air quality in Gabon,” Funding: \$15,000
2014	Faculty Research Award, University of Oregon
2012	Joseph L. Fisher Doctoral Dissertation Fellowship, Resources for the Future
2012	Fellowship, Foreign Language Area Studies Program (FLAS)- East Africa and Swahili
2012	Center for International Business Education and Research (CIBER) Doctoral Research Grant

2011 Institute for Social and Economic Research and Policy Seed Grant (co-PI);
CIBER Doctoral Research Grant (co-PI)

Conferences and presentations

2022: Columbia University Sustainable Development Research Symposium
2021: Columbia University Seminar in Planetary Management, Association for Public Policy Analysis and Management (APPAM) Fall conference (moved to March 2022)
2019: Urbanism Next Conference
2018: Western Regional Global Health Conference (panel member)
2017: NITC webinar presenter
2016: Stockholm Resilience Centre, Western Economic Association International (WEAI) Conference, Association of Pacific Rim Universities Global Health Program Workshop
2015: APPAM Fall conference
2014: American Geophysical Union (AGU)
2013: University of Oregon, National University of Singapore
2011/2012: Institute of Nuclear Science and Technology at the University of Nairobi

Teaching experience

Research Methods in Public Policy and Management (graduate level) (2013-present)
Healthy Communities (undergraduate level) (2013-present)
Health Policy (undergraduate and graduate level) (2013-present)
Global Sustainable Development & Policy (undergraduate level) (2013-present)
Public Health Policy (undergraduate and graduate level) (2018-present)
End-of-life care in the U.S. (through the UO Prison Education Program) (Summer 2021, Spring 2022)

Dissertation committees

Shahinur Bashar—Ph.D. Planning and Public Affairs (co-chair)
Jason DeHaan—Ph.D. Sociology (external committee member)
Ayesha Khalid—Ph.D. Economics (external committee member) (2020)

Thesis committees

Devan McClain—PPPM Undergraduate honors thesis (chair) (2023)
Brendan Irsfeld—Master of Community Regional Planning (committee member) (2022)
Izzy Queisser—PPPM Undergraduate thesis (chair) (2022)
Sofia Baldrige—PPPM Undergraduate honors thesis (chair) (2021)
Kaleigh Jodice—PPPM Undergraduate honors thesis (chair) (2020)
Hannah Argento-McCurdy—PPPM Undergraduate honors thesis (chair) (2020)
Harrison Jensen—PPPM Undergraduate thesis (chair) (2020)
Ana Garibay Mares—PPPM Undergraduate thesis (committee member) (2019)
Avni Pravin—Master of Environmental Studies (committee member) (2018)
Sigride Asseko—Master of International Studies (committee member) (2017)
Sarah Sprague—PPPM Undergraduate honors thesis (chair) (2014)

Referee service

Journal of Policy Analysis and Management, Public Administration Review, American Journal of Public Health, Environmental Health Perspectives, Environment International, Journal of Environmental Economics and Management, Journal of the Association of Environmental and Resource Economists, Transportation Research Part D: Transport and Environment, Environmental Research, The Lancet Planetary Health, Atmospheric Environment, Journal of Environmental Management, PLoS ONE, Science of the Total Environment, BMC Public Health, Environmental Pollution, Early Human Development, The Journal of the Air and Waste Management Association, Sustainable Cities and Society, Environmental Monitoring and Assessment, Atmospheric Pollution Research, Energy Research & Social Science, Journal of Environmental Planning and Management, Environmental Impact Assessment Review, Weather, Climate and Society

Grant reviewer

U.S. Environmental Protection Agency's Air, Climate, and Energy Center (2014)