

Stanford



Anchal Garg

Postdoctoral Scholar, Earth System Science

Bio

BIO

She is an environmental researcher working on the negative implications of air pollution on human health and climate change. She has worked on monitoring, mapping, emission inventory, and identifying health hazards of Volatile Organic Compounds, Polycyclic Aromatic Hydrocarbons, and Particulate Matter present in the air.

Anchal conducted extensive fieldwork, surveys, and cross-sectional studies to identify air quality and health-related data. Her current project is modeling and measuring the health consequences of indoor air pollutants formed during the combustion of stove gas in California.

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- New Map of Life Fellow, Stanford Center on Longevity (2022 - present)

PROFESSIONAL EDUCATION

- Ph.D., Guru Gobind Singh Indraprastha University, New Delhi, India , Environmental Science (2021)
- PG Diploma, Indira Gandhi National Open University, India , Applied Statistics (2018)
- M.Sc., Guru Gobind Singh Indraprastha University, New Delhi, India , Environment Management (2016)
- B.Ed., Maharshi Dayanand University, Haryana, India , Life Science and Physical Science (2014)
- B.Sc., Hansraj College, University of Delhi, India , Life Sciences (2013)

STANFORD ADVISORS

- Rob Jackson, Postdoctoral Faculty Sponsor

LINKS

- Google Scholar Profile: <https://scholar.google.co.in/citations?user=qY845JAAAAAJ&hl=en>
- Researchgate Profile: <https://www.researchgate.net/profile/Anchal-Garg>

Publications

PUBLICATIONS

- **Spatio-Temporal Variability and Health Risk Assessment of Benzo[a]pyrene in Different Population Through Ambient Air Exposure in Delhi, India** *EXPOSURE AND HEALTH*
Garg, A., Gupta, N. C., Kumar, A.
2022; 14 (1): 111-127
- **Short-term variability on particulate and gaseous emissions induced by fireworks during Diwali celebrations for two successive years in outdoor air of an urban area in Delhi, India** *SN APPLIED SCIENCES*
Garg, A., Gupta, N.

2020; 2 (12)

- **The Great Smog Month and Spatial and Monthly Variation in Air Quality in Ambient Air in Delhi, India** *JOURNAL OF HEALTH AND POLLUTION*
Garg, A., Gupta, N. C.
2020; 10 (27): 200910
- **Study of Seasonal and Spatial Variability among Benzene, Toluene, and p-Xylene (BTP-X) in Ambient Air of Delhi, India** *POLLUTION*
Garg, A., Gupta, N. C., Tyagi, S. K.
2019; 5 (1): 135-146
- **A comprehensive study on spatio-temporal distribution, health risk assessment and ozone formation potential of BTEX emissions in ambient air of Delhi, India** *SCIENCE OF THE TOTAL ENVIRONMENT*
Garg, A., Gupta, N. C.
2019; 659: 1090-1099