

Stanford



Kopal Nihar

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Bio

BIO

I am a postdoctoral scholar working with Dr. Catherine Gorle, Dr. Sarah Billington and Dr. Rishee Jain. I also did a PhD from Stanford advised by Dr Rishee Jain at Urban Informatics Lab. My research interest lies in understanding data-driven human-building interactions and impact of indoor air quality on occupant behaviour, especially for the purpose of natural cooling.

STANFORD ADVISORS

- Catherine Gorle, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Tropical climates and the interplay between IEQ and energy consumption in buildings: A review** *BUILDING AND ENVIRONMENT*
Verma, A., Gupta, V., Nihar, K., Jana, A., Jain, R. K., Deb, C.
2023; 242
- **Natural ventilation versus air pollution: assessing the impact of outdoor pollution on natural ventilation potential in informal settlements in India** *ENVIRONMENTAL RESEARCH: INFRASTRUCTURE AND SUSTAINABILITY*
Nihar, K., Nutkiewicz, A., Jain, R. K.
2023; 3 (2)
- **Optimal Control of Operable Windows for Mixed Mode Building Simulation in EnergyPlus**
Nihar, K., Bhatia, A., Garg, V., IOP
IOP PUBLISHING LTD.2019