

# Abhishek Kumar Srivastava



## **PhD Scholar**

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## **Supervisors:**

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## **PROFILE**

Mr. Abhishek Kumar Srivastava is a research scholar in Department of Sustainable Engineering at the TERI School of Advanced Studies, doing research in urban heat island mitigation. His research aims to enhance urban livability and address climate change challenges in rapidly growing cities. He is an associate professor in architecture department at world University of Design, holding academic background in architecture, GIS and remote sensing.

## **PhD RESERACH**

**Title of PhD Thesis:** Understanding the impact of Urban Geometry and Greenery on mitigating surface UHI.

## **Brief about PhD Research:**

Abhishek's Ph.D. research explores the role of urban features in formation of urban heat island (UHI). His study analyses the potential risk of UHI, mapping of UHI, classification of urban profile based of parameters contributing significant role in formation of UHI and find a policy framework and solutions to propose effective strategies for urban planning. The research aims to contribute to global sustainability goals by identifying scalable solutions for UHI mitigation of Indian heterogeneous developing cities.