

# Ayman Aslam

Lecturer

Institute of Geographical Information Systems

Email: aaslam@igis.nust.edu.pk

Contact:



## About

Dr. Ayman Aslam is working as Lecturer in the Institute of Geographical Information Systems. Dr. Ayman Aslam has published 8 research articles & conference papers having a citation count of 206, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>MS in Urban Planning</b> NUST, Islamabad , Pakistan	2018 - 2021
<b>BE in GIS</b> NUST, Islamabad , Pakistan	2014 - 2018

## Experience

<b>Lecturer</b> Institute of Geographical Information Systems	2024- Present
<b>Lecturer</b> Institute of Geographical Information Systems	2023 - 2023
<b>GIS Engineer and Analyst</b> NUST , NUST H-12	2019 - 2019

Research Articles

**Multi-Phase Residential Fire Vulnerability Assessment**  
*Irfan Ahmad Rana Muhammad Awais Nisar Rida Hameed Lodhi Hassam Bin Waseem Adnan Nawaz Ayman Aslam Abdul Muqeet Shah*  
*Fire Technology* , Pages 1-31  
**Impact Factor:** 2.300 | **Quartile:** 2 | **Citations:** 1  
**DOI:** <https://doi.org/10.1007/s10694-024-01673-y>

2024

**Quantifying the role of social capital for enhancing urban resilience against climate crisis: Empirical evidence from formal and informal settlements of Pakistan**  
*Maheen Shahid Irfan Ahmad Rana Ali Jamshed Fawad Ahmed Najam Ather Ali Ayman Aslam*  
*Cities* , Volume 130, Article Number 103851  
**Impact Factor:** 6.077 | **Quartile:** 1 | **Citations:** 19  
**DOI:** [10.1016/j.cities.2022.103851](https://doi.org/10.1016/j.cities.2022.103851)

2022

**A localized index-based approach to assess heatwave vulnerability and climate change adaptation strategies: A case study of formal and informal settlements of Lahore, Pakistan**  
*Irfan Ahmad Rana Laila Sikander Zainab Khalid Adnan Nawaz Fawad Ahmed Najam Sibghat Ullah Khan Ayman Aslam*  
*Environmental Impact Assessment Review* , Volume 96, Article Number 106820  
**Impact Factor:** 4.549 | **Quartile:** 2 | **Citations:** 33  
**DOI:** [10.1016/j.eiar.2022.106820](https://doi.org/10.1016/j.eiar.2022.106820)

2022

**The use of local climate zones in the urban environment: A systematic review of data sources, methods, and themes**  
*Ayman Aslam Irfan Ahmad Rana*  
*Urban Climate* , Volume 42, Article Number 101120  
**Impact Factor:** 5.731 | **Quartile:** 1 | **Citations:** 90  
**DOI:** <https://doi.org/10.1016/j.uclim.2022.101120>

2022

**Impact of the built environment on climate change risk perception and psychological distancing: Empirical evidence from Islamabad, Pakistan**  
*Ayman Aslam Irfan Ahmad Rana*  
*Environmental Science and Policy* , Volume 127, Pages 228-240  
**Impact Factor:** 5.581 | **Quartile:** 1 | **Citations:** 20  
**DOI:** [10.1016/j.envsci.2021.10.024](https://doi.org/10.1016/j.envsci.2021.10.024)

2022

**The spatiotemporal dynamics of urbanisation and local climate: A case study of Islamabad, Pakistan**  
*Ayman Aslam Irfan Ahmad Rana Saad Saleem Bhatti*  
*Environmental Impact Assessment Review* , Volume 91, Article Number 106666  
**Impact Factor:** 4.549 | **Quartile:** 2 | **Citations:** 43  
**DOI:** <https://doi.org/10.1016/j.eiar.2021.106666>

2021

Conference Proceedings

**An Integrated IOT Based System for Dengue Vector Surveillance and Control**  
*Ayman Aslam Salman Atif Rao Taha Danial Tariq Hira Zafar*  
*2024 International Conference on Frontiers of Information Technology, FIT 2024*, res.country(177,)  
**Citations:** N/A  
**DOI:** [10.1109/FIT63703.2024.10838449](https://doi.org/10.1109/FIT63703.2024.10838449)

2024

**Assessment of human heat vulnerability of different Local Climate Zones in Lahore Coupling remote sensing and socioeconomic data**  
*Nimra Iqbal Ayman Aslam Ali Jamshed Marvin Ravan Jörn Birkmann Irfan Ahmad Rana*  
*2023 Joint Urban Remote Sensing Event, JURSE 2023*, res.country(88,)  
**Citations:** N/A  
**DOI:** [10.1109/JURSE57346.2023.10144180](https://doi.org/10.1109/JURSE57346.2023.10144180)

2023