



# SNEHASHIS ALAM

Snehashis Alam is a dedicated Ph.D. student in the *Disaster Science and Management program*. He obtained his master's degree in **Disaster Management from Pondicherry University**, and a bachelor's degree in *Geography from Aligarh Muslim University, India*. During his academic journey, Snehashis served as a research intern at the ESSO Indian National Centre for Ocean Information Services in Hyderabad, India. This invaluable experience allowed him to collaborate closely with scientists in the Department of Tsunami and Storm Surge Early Warning Centre. Recently, Snehashis has taken on the role of Placement Coordinator at BITS Pilani K K Birla Goa Campus, showcasing his commitment to academic and professional excellence.

## RESEARCH INTERESTS

**Disaster Health, Climate Change Adaptation, Climate-Related Disasters, Multi-Hazard Risk Assessment, Remote Sensing & GIS.**

## PUBLICATIONS

1. Mandal, K. K., Sarkar, T., *Alam, S.*, Dharanirajan, K., Sharma, S. S. V., 2023. Application of Sentinel-1A SAR Data for Village Level Flood Inundation Mapping in Malda District, West Bengal, India. *Journal of Geographical Studies*, 7(1), 1-13. DOI: <https://dx.doi.org/10.21523/gcj5.22070101>
2. *Alam, S.*, Sunanda, M. V., Mandal, K. K., & Rassel, S. (2022). Characteristics of the Earthquake Swarms in the Andaman Sea Region, India, from 1960 – 2020. *Disaster Advances*, 15(3), 21–28. <https://doi.org/10.25303/1503DA2128>
3. Mandal, K. K., *Alam, S.*, Ranjan, A., Dharanirajan, K., & Kumari, P. (2020). A review of India's response to COVID-19 outbreak and impact of lockdown on Indian economy. *Journal of Critical Reviews*, 7(13), 402–408. <https://doi.org/10.31838/jcr.07.13.71>
4. *Alam, S.*, Das, D. M. K., & Maiti, D. J. (2020). The Impact of COVID-19 in Indian Education System. In J. Mete & K. Roy (Eds.), *CORONAVIRUS (COVID-19): PUSHES ONLINE LEARNING* (1st ed., Vol. 1, pp. 98–103).

**“If opportunity doesn't knock,  
build a door.”  
Milton Berle**

## ADDRESS

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Social Sciences,  
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## SOFTWARE

- ArcMap & ArcCatalog
- 'R' Programming language
- QGIS
- Sentinel Application Platform (SNAP)
- Google Earth Engine
- GeoMapApp
- Generic Mapping Tools (GMT)
- Microsoft Office (Word, Excel, PowerPoint)



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## CONFERENCES/WORKSHOPS

1. Attended Two-week Advanced Course on "*Space Based Technologies for Disaster Management with special reference to Flood*" sponsored under IIRS, ISRO, Disaster Management Support Capacity Building (DMS-CB) Program, organized by the Department of Geography and Department of Physics, The University of Burdwan, Burdwan during August 1-14, 2023.
2. Presented paper in Graduate Research Meet (2023) on Graduate Research Meet Department of Humanities and Social Sciences Indian Institute of Technology Guwahati. The title of the paper is "*Health Vulnerability Assessment of Char Dwellers to Riverbank Erosion and Flooding; A case study of Nirmal Char in Murshidabad, West Bengal.*"
3. Presented paper in International Indian Ocean Science Conference (IIOSC-2022) on Geology, geophysics and seabed mapping of the Indian Ocean, 14th - 18th March, 2022, sponsored by the Ministry of Earth Sciences (MoES) and Organised by The Second International Indian Ocean Expedition (IIOE-2). The title of the paper is "*A Seismotectonic Analysis of Earthquake Swarm in Andaman and Nicobar Islands Region, India (1960 to 2020).*"
4. Presented paper in the International Conference on 'Challenges to Disaster Risk Reduction and Resilient Habitat' scheduled on 5th and 6th April, 2022, Shaheed Bhagat Singh College, University of Delhi, New Delhi. The title of the paper is "*Flood hazard and gender vulnerability: a case study of Malda District, West Bengal.*"
5. Attended National Workshop on "*Intellectual Property Rights*" in 2018 sponsored by the Ministry of Electronics and Information Technology and Organized by Dr.B.R. Ambedkar Institute of Technology, Port Blair, Andaman & Nicobar Island.
6. Training on "*First Aid Fire Fighting and Basics in Disaster Management*" organized by Andaman Fire Service Head Quarter.
7. One Day Workshop on "*Island Biology, Andaman & Nicobar Island*" on O3 Day 2019 organized by ZSI, Port Blair

## INFORMATIONS

### Languages:

- English
- Bengali
- Hindi

### Strength:

- Hardworking and commitment to work.
- Leadership abilities.
- Capable of multitasking and handling load under pressure.

## EXTRA CURRICULARS

- Placement Coordinator at BITS Pilani K K Birla Goa Campus.
- Coordinator of COP+24 International Climate Change Program 2018-2019.

## HOBBIES

Football, Photography,  
Volleyball, Fiction and  
Novel.