



**Department of Geography**  
(UGC-DRS SAP-I & DST-FIST Supported)  
**Jamia Millia Islamia, New Delhi**  
(NAAC Accredited Grade A++)  
NIRF Rank 3<sup>rd</sup>)

Organizes

## National Conference

On

# Landslide Risk Assessment and Mitigation in India

**01-02 NOVEMBER, 2022**

### Patron

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(Padma Shri)  
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**New Delhi**

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## About the Conference

Landslide is one of the frequently recurring phenomena causing irreparable loss to the life and damage to property across the world. It is caused largely due to heavy rains, floods, earthquakes, construction, hill-cutting and mining. Globally, landslides have affected an estimated 4.8 million people and caused more than 18,000 deaths between 1998 and 2017. It is the third most fatal disaster globally, accounting for approximately \$400 billion per year for disaster management. In the Indian sub-continent, the landslides which were once confined to the mighty Himalayan mountains and Western Ghats have now started occurring in almost all the mountainous belt over the the last few decades. Many parts of the Himalaya are vulnerable to landslides especially those characterized with highly densed population and varied land use intensity. More than 12% geographical area of the Indian Territory is vulnerable to landslides. Of the total non-seismic events, 16% were induced by anthropogenic activities. The worst known landslides events occurred in Darjeeling, Guwahati, Malpa, Kedarnath and have taken the life of thousands of people and damaged the properties. Hence, it is essential to assess risk and devise suitable mitigation strategies for landslides. The Department of Space, Government of India, has come out with Landslide Hazard Zonation Mapping methodology to examine and validate the credentials of space borne satellite remote sensing on landslides. The other agencies like Central Road Research Institute (CRRI), Central Building Research Institute (CBRI), Wadia Institute of Himalayan Geology (Dehradun) and Defense Related Agencies like Border Roads Organization (BRO), Defense Research and Development Organization (DRDO), Snow and Avalanche Studies Establishment (SASE) etc., have been carrying out studies to minimize landslide vulnerability and provide solutions to minimize the risk. The national conference on landslide risk assessment and mitigation in India will provide a platform for scientific community, academicians, researchers, young scientists and industry personals for sharing their innovative methodologies for assessing landslide risk assessment, significant research findings and appropriate strategies for landslide mitigation.

## Sub-Themes

- Approaches and methodologies for landslide studies
- Landslide inventory and hazard mapping
- Landslide susceptibility Mapping
- Landslide risk assessment
- Landslide hazard and vulnerability mapping and zonation
- Application of Geoinformatics in Landslide Studies
- Monitoring, instrumentation and Early warning systems
- Climate change and landslides
- Landslide impact on society and economy
- Landslide education, training and capacity building

## Call for Papers

Presentations on theoretical and methodological aspects of identified themes and related areas as well as case studies and poster presentation are welcomed. The participants are requested to send their abstracts (not exceeding 500 words) with 4 or 5 keywords latest by **10<sup>th</sup> October 2022**, and after intimation of acceptance, full papers for publication in conference proceedings latest by **28<sup>th</sup> October, 2022**. The submitted papers will be reviewed by the expert committee. Only recommended papers will be considered for publication in proceedings/edited volume by reputed publisher. Abstracts and papers both should be sent to:

**geolandslide.jmi2022@gmail.com**

## Abstract Submission Guidelines

- Abstracts must be written in Times New Roman, 12 font size and 1.5 spacing without insertion of any special symbol, formula, diagram, table, or reference.
- The sequence of the abstract be:
  - Title in running text.
  - Authors name
  - Affiliation and address
  - Email id and mobile
  - Abstract body
  - Key words
- Abstract titles should be clear and concise.
- Full names, affiliations, and e-mails of all authors should be included.
- Abstracts should clearly indicate the research problem, the methodology and the results of the work within 400 words.
- All abstracts will be reviewed by the Expert Committee and may be sent back for revision, if required.
- Decisions regarding acceptance will be intimated before **20.10.2022**. However, Persons attending the Conference without abstracts can directly proceed for registration.

## Registration Fee

Delegates

- Faculty/ Scientist: **Rs. 2000/-**
- Research Scholars: **Rs. 1500/-**

## Bank details for online registration fee

Name of Beneficiary A/C: **JMI-Seminar and Symposium**

Saving Bank Account No.: **6767690486**

IFSC Code: **IDIB00J029**

Name of Bank: **Indian Bank**

Branch: **Jamia Millia Islamia**

SWIFT Code: **IDIBINBBTSY**

Address: Maulana Mohd. Ali Jauhar Marg Sports Complex (Bhopal Ground), Jamia Nagar,  
New Delhi - 110025.

Branch Code: 01622



**Note:** The registration fee should either be sent in the form of Demand Draft (DD) drawn in favour of The Registrar, Jamia Millia Islamia, payable at New Delhi or paid through NET Banking on the given bank details. **The demand draft should be sent to the Treasurer (Dr. Adnan Shakeel), Department of Geography, Faculty of Natural Science, Jamia Millia Islamia, New Delhi, 110025**

**Please register using following link**

<https://forms.gle/RJYR4W3pUyezmscr8>



### Important Dates

Last date of abstract submission: **10.10.2022**  
Notification of acceptance of abstract: **20.10.2022**  
Last date of online registration: **22.10.2022**  
Deadline for full-length paper submission: **28.10.2022**

**Please contact for any query**

**Prof. Lubna Siddiqui**

**Organizing Secretary**

Email: - lsiddiqui@jmi.ac.in

Mobile:- +91 9350970749

**Dr. Asif**

**Co-Organizing Secretary**

Email: - asif@jmi.ac.in

Mobile: - +917982636096

### About Jamia Millia Islamia

Jamia Millia Islamia (JMI) came into existence at Aligarh in 1920 during the Khilafat and Non-cooperation movement in response to Gandhiji's call to boycott government supported educational institutions. JMI is one of the premier universities of national importance and amongst top three universities of India as per National Institutional Ranking Framework (NIRF) 2022. The University has a multi layered educational system with 09 Faculties, 39 Departments and 27 Centers for Research and Excellence that have given an edge to it in terms of critical research.

### About the Department

The Department of Geography was established with Honours programme in Geography in 1971. The Department offers BA/B. Sc (Hons.) Geography; M.A./M. Sc (Geography); P.G. Diploma in Remote Sensing and GIS Applications, and Ph.D. The Department comes under the Faculty of Natural Sciences. It is a pioneer in the country for imparting education in Remote Sensing at post graduate level. The ISRO, Government of India recognized it and supported the Department for the enhancement of the DIP/GIS labs. The DST also supported the Department as nodal facility in Delhi for conducting training programmes in Remote Sensing and GIS for university and college teachers. The DST accorded the Department FIST-I status in 2016, and UGC-DRS SAP-I in 2017. The Centre for Disaster Management was established in 2018. The aim of the centre is to train future managers and provide a platform for scientific research for making disaster resilient society.

The centre offers P.G. Diploma in Disaster Management (Self-Financed & Evening); M.Sc (Disaster Management and Climate Sustainability Studies) (Self-Financed). The course is a mix of scientific understanding of hazardous processes and policy interventions. The students are placed for one semester internship with reputed organizations like IIRS, Dehradun, Wadia Institute of Himalayan Geology, NIDM, IMD and NGOs.

**How to reach the Department**

<https://goo.gl/maps/LJRTeGeinB87zq7n8>



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