

21 TO 23
FEBRUARY
2024

**THREE DAYS INTERNATIONAL
CONFERENCE ON**

**ENVIRONMENTAL HAZARDS IN
MOUNTAINOUS REGIONS:
PROBLEMS AND PROSPECTS**

BLENDED MODE

ORGANIZED BY

School of Earth Science & Natural Resource Management

Pachhunga University College

(A Constituent College of Mizoram University, A Central University)



Michael Steckler
Lamont Doherty
Earth Observatory
Columbia University,
USA



Dr. Shantanu Kundu
Assistant Professor
Pukyong National University
(Daeyeon Campus) Republic
of Korea



Professor Nitin Kumar
Tripathi
Profesor of Geoinfomatics/
Remote Sensing and GIS
School of Enineering and
Technology, Asian Institute
of Technology

KEY DATES

**Submission of Abstracts: On or before
10th February 2024**

**Decision on acceptance: On or before
12th February 2024**

**Last date of Registration: On or before
12th February 2024**

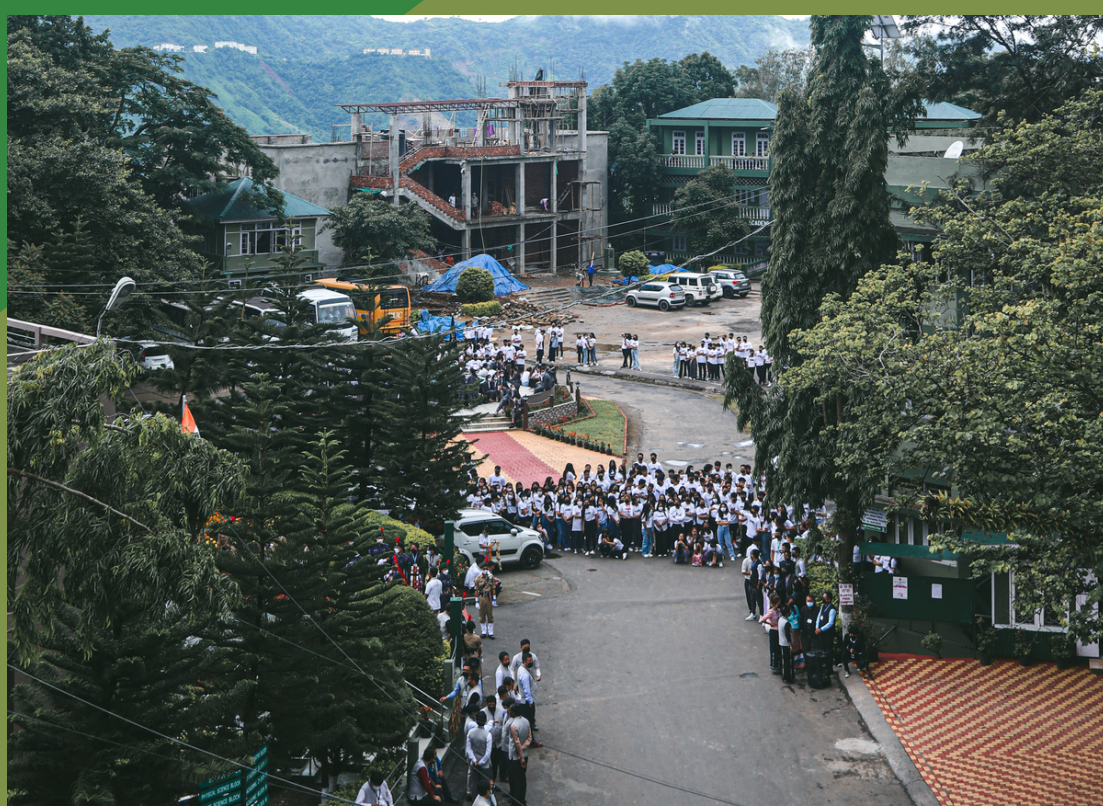
**Submission of Full Papers: On or before
15th February 2024.**

About Mizoram University

Mizoram University (MZU) was established on 2nd July 2001 by the Mizoram University Act, 2000, which appeared in the Gazette of India (Extraordinary) on 25th April 2000 as a Central University having His Excellency, the President of India as its Visitor. Visits from eminent dignitaries, scholars and researchers, activists, and politicians from India and abroad constantly occur in the University. National Institute Ranking Framework (NIRF), Ministry of Human Resource Development, Govt. of India. Mizoram University was accredited 'A' grade by NAAC in 2014 and 2019. It was also awarded ISO Certification in 2018. The University was ranked as one of the top 100 Universities in India, assessed by the NIRF rankings from 2016 to 2023 under MHRD. In the Times Higher Education Impact Rankings 2022, Mizoram University secured 1st Rank in North-East Region of India. Mizoram University ranked 1st among the central universities of the North East region by bagging the 13th position in the Indian Institutional Ranking Framework (IIRF), Ministry of Human Resource Development, Govt. of India 2023's Top 20 Central Universities Category. The University has 39 functioning academic departments offering UG, PG and Ph.D. programmes under 10 Schools of Study

Pachhunga University College at a glance

Pachhunga University College (PUC) is a public institute in Aizawl, Mizoram, and the only constituent college of Mizoram University, a central university established by an Act of Parliament of India. Founded in 1958 as Aijal College, it is the oldest and largest college in Mizoram by enrollment and campus size. College offers UG courses in 23 subject areas of bachelor degrees in arts, commerce, and science. With the opening of master's degree courses in Mizo, philosophy, life sciences, Statistics, and Mathematics, it became the first postgraduate college in Mizoram. PUC received the Indira Priyadarshini Vrikshamitra Awards in 1995, a national award for pioneering and innovative works in afforestation and wasteland management, from the Ministry of Environment, Forest and Climate Change, Government of India. In 2022, after implementing the new point system, the National Assessment and Accreditation Council classified it as A+ grade with a CGPA of 3.37, the highest score in northeast India. The National Institutional Ranking Framework placed it at 45th among colleges in India, the only college within the top 100 list, and thus, the highest rank from northeast India. Green Mentors have evaluated the Green Audit Report of Pachhunga University College, along with supportive documentary pieces of evidence, and accredited the College as Green College in Platinum Ranking, the highest such audit.



ABOUT THE SCHOOL

The School of Earth Science and Natural Management (MZU) was initially set up and started in the year 2002. Presently, the School of Earth Science and Natural Resources Management is functioning with six academic Departments and three Centres in MZU. The School in the PUC Campus is functioning with three academic Departments namely 1. Department of Geography, 2. Department of Geology and 3. Department of Environmental Science

The Department of Geography has been growing rapidly over the last few years and the Department of Geography was opened in Pachhunga University College on 21.08.1972. At present the faculty consists of 4 Associate Professor and 1 Assistant Professors. The academic condition in terms of the quality of faculty and the learning transfer process is healthy and adequate. At present, the department has all the necessary traditional equipment for survey work, practicals, and classroom teaching. the department has audio-visual support for classroom teaching and it is equipped in its two labs cum classroom.

The Department of Geology was introduced in 1982 to be the pioneering study of Geology in Mizoram. At present, the department consists of six (6) Assistant Professors and one (1) Guest Faculty. All the teachers are CSIR-NET qualified five of them obtained Ph. D., and one faculty member is also pursuing Ph. D. The academic condition in terms of quality of faculty and learning transfer process is healthy and adequate. The research interests of the faculty members cover a broad range of Geology: Paleontology, Petrology, Geohazards- Earthquake and landslide, Economic Geology, Structural Geology, Geochemistry, GIS, Sedimentology, and Petroleum Geology.

The Department of Environmental Science was established in 2012 as the first ever among the colleges in the state of Mizoram to offer a BSc program in Environmental Science. Presently, the department also offers a Ph.D. program in Environmental Science. Apart from regular core courses the department is also responsible for teaching compulsory Environmental Studies foundation paper to students of all other disciplines from Science, Arts and Commerce students. The motto of the department is to produce trained graduates in environmental science who also possess ethos towards nature conservation and environment protection. The Department of Environmental Science at PUC is powered by competent teaching and non-teaching personnel. Presently, the department consists of 5 permanent faculties and 1 laboratory staff. All faculties are NET qualified along with PhD degrees.

About the Conference

Mountains, with their majestic beauty, unique ecosystems, and cultural significance, are facing increasing challenges due to environmental hazards. The "International Conference on Environmental Hazards in Mountainous Regions: Problems and Prospects" seeks to bring together global experts, researchers, policymakers, and practitioners to delve into the complexities surrounding natural hazards in mountainous areas. The conference will serve as a platform to exchange knowledge, share insights, and explore innovative solutions to address the pressing issues faced by these vulnerable regions.

SUB THEMES

- (I) Climate change and sustainable farming systems**
- (II) Melting glaciers and sea level rise**
- (III) Forest fire and wildlife security**
- (IV) Role of RS and GIS in geo-hazard management**
- (V) Environmental Plans, Policies and Management**
- (VI) Geotechnical and geo-physical approach**
- (VII) Soil degradation issues and management**
- (VIII) Water resource management and conservation**
- (IX) Biodiversity Conservation & Bioethics**
- (X) Landslide hazard impact and mitigation**
- (XI) Socio-economic issues in Natural Resource Management (NRM)**
- (XII) Policy interventions in resource management**
- (XIII) Role of people's participation in NRM and sustainable rural livelihoods**
- (XIV) Environmental Biotechnology & Molecular Biology**
- (XV) Structural Geology & Tectonics of IBR & Himalayan Region**
- (XVI) Any other relevant topic**

CALL FOR PAPERS

Papers relating to the above themes are invited from academia, educators and other professionals, NGOs/activists, research scholars, and students. Participants are invited to submit abstracts or full papers by e-mail.

Participants are requested to send abstracts to pucsesnrm@gmail.com Full papers should be submitted on or before 10th February 2024. The selected papers will be published in an edited volume by a reputed publisher. Submission of the full paper after the last date i.e. 15th February 2024 will not be entertained in any manner.

Guidelines to authors

- 1. The manuscript should be in MS Word 2010 format. The manuscript must be 1.5 spaced, with 1-inch margins with "Times New Roman, Font size 12, black".**
- 2. In the first page of the paper please provide the Paper Title, the full name of the author(s), and full address (institute's address along with designation and corresponding address) along with the email address of the author(s).**
- 3. The abstract, followed by relevant keywords, should not be more than 250 words and should adequately describe the work and highlight its significance.**
- 4. The complete manuscript should be in the range of 3000–5000 words.**
- 5. A group of experts will review the papers submitted. Original Research work will only be accepted.**
- 6. All correspondence will be done through e-mail only.**
- 7. The authors should follow the APA seventh edition for referencing.**
- 8. UGC's guidelines on plagiarism will be adhered to.**

REGISTRATION

Registration fees should be paid online through the QR code provided

**C, Lalremruatfela
Felfela Chhakchhuak
Mob: 9612712660**



Registration Fee: @ Rs. 1000/- for faculty and delegates.

Research scholar @ Rs. 500 (for presenters)

Rs. 300 (for participation)

No registration fee for students.

Registration fee includes Conference Kits, Breakfast, Lunch, and Certificates.

Please make payment after receiving the acceptance letter and mail proof of your payment with all details (Title of the Paper, author name with affiliation, date of payment) at pucsesnrm@gmail.com.

Click logo for registration



Best Paper Award

The best paper presenter will be awarded with a certificate for each session. Awardees will be judged by the session chairperson (s) at the end of the sessions.

How to reach Aizawl

Aizawl can be reached by Air through Kolkata/Guwahati. Direct flights are available from Delhi, Mumbai, Kolkata and Guwahati. Connected flights are also available from Delhi, Mumbai, Chennai, Lucknow and Hyderabad. The PUC is approximately 35 Km away from Lengpui Airport towards Aizawl city. Pre-paid taxis are easily available from the Airport to reach the college by paying fare of Rs. 1500/-. Silchar is the nearest rail-way station to Aizawl. The journey (by road) from Silchar to Aizawl takes around 6 Hrs. Sumos (share basis) are available from Mizoram Circuit House, Sonai Road, Silchar.

Accommodation (Boarding and Lodging)

Good low-priced hotels are available in Aizawl City. For hotel bookings, please contact the organizing committee. No TA will be paid by the organizing committee.

Organising Committee

Patron



Prof. B.P. Mishra
Dean
School of ES & NRM
Mizoram University

Chief Patron



Prof. Dibakar Chandra Deka
The Vice-Chancellor
Mizoram University

Patron



Prof. H. Lalthanzara,
The Principal
Pachhunga University
College

Chief Convener

Dr. R. Ramthara, HOD, Department of Geography, PUC

Conveners

Dr. Saitluanga Sailo, HOD, Department of Geology, PUC

Dr. Kulendra C. Das, HOD, Department of Environmental Science, PUC

Organizing Secretaries

Dr. Ashutosh Singh, Department of Geography, PUC

Dr. C. Lalremruatfela, Department of Geology, PUC

Dr. Subhasish Das, Department of Environmental Science, PUC

Members

Dr. H. Lawmkima

Dr. Bubul Bahrali

Dr. V. Vanthangliana

Dr. Malsawmtluangkima

Mr. H.L Lawmzuala

Dr. Bobby Bengachhi

Dr. Ganashyam Deka

Dr. Lallawmkimi

Dr. Hilda Lalrinpuui

Dr. H. Laldinpuui

**All queries relating to the Conference should be addressed to
pucsesnrm@gmail.com**

**For further clarification preferably send us Whatsapp messages or if
necessary, call us at: 8400559922/8486277442/9612712660**