



XXIV Annual Conference & National Seminar

(Multidisciplinary)

On

“Climatic Vulnerability: Challenges to Physical Landscape and
Human Response”

November 4 & 5, 2023

Organized By

Association of Geographers Bihar & Jharkhand

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IQAC

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University Department of Geography, Ranchi University, Ranchi

Important Dates:

Last date of submission of Abstract Paper- **25 September 2023**
Last date of submission of Full Paper for Publication in the Journal-
“GEOGRAPHICAL PERSPECTIVE”- **15 October, 2023**
Date of Seminar/ Conference- **November 4 & 5, 2023**

Call for Abstracts

Registration and submission of Abstracts for Oral/ Poster presentation can be through Google Forms on or **before 15 September 2023** (For Abstract: Word Limit-300, Font-Times New Roman, Font Size- 12, and Spacing-1.5, either Word or PDF File).

Link & QR code For Registration:

<https://forms.gle/pvf5ZcRNHYNDehFdA>



Link & QR Code for WhatsApp Group:

<https://chat.whatsapp.com/L3gXScm3X5e5v79t2lncmN>

Email Id-

univdeptgeographyru@gmail.com

Contact No-

9113477069 / 9955450493



Convener

Ms. Mary Shalini P Kerketta
Head, University Department of
Geography

Ranchi University, Ranchi.

**Co-Convener & Organizing
secretary**

Prof. (Dr.) Jitendra Shukla
University Department of Geography
Ranchi University, Ranchi.

Venue:

**University Department of Geography,
Ranchi University, Ranchi.**

Invitation:

It is a matter of great pleasure to invite you to the national conference (multidisciplinary) on Climatic Vulnerability: Challenges to Physical Landscape and Human Response, organized by AGBJ and the University Department of Geography, Ranchi University, Ranchi, on **November 4 & 5, 2023** University Department of Geography, Ranchi University, Ranchi.

About Ranchi University:

Ranchi University existed on 12 July 1960 as an autonomous institution as it was carved out of erstwhile Bihar University. The university started with 10 postgraduate departments one constituent college and 20 affiliated colleges; today it has 30 post-graduate departments, 19 constituent colleges, and 47 affiliated colleges which are catering to the needs of nearly 1.6 lakhs of students with a view to making higher education accessible to a vast population of a predominantly tribal region, this university has been rendering valuable service to a big chunk of marginalized young generation since its establishment. the university is committed to academic excellence in teaching and Research, Innovation, and creativity, respect for cultural diversity, individual dignity and worth, responsible stewardship and conservation of resources, and involvement in the region's economic, social, and professional growth.

About University Dept. Of Geography:

Location- Coordinate: **23° 34' 41" N- 85°30' 95" E**
Establishment: **1954**
Founder Head: **Prof (Dr) Enayat Ahmed.**

The University Department of Geography is a pioneer study center for the study of Geography in eastern India and has been sharing the long-sighted list of international and scholarly faculty members since its inception in 1954 Viz. prof. Enayat Ahmed, Prof P. Pandey, Prof D.P Satpati, Prof L.C.C.N Shahdeo, and many other world-famous teachers. This department is known for research, especially in Geomorphology, Landscape and agriculture, Regional Planning and development, Cartography, Remote sensing and GIS application in Geography, and population Geography. More than 250 doctoral degrees 06 D.Litt. degree awarded.

The department has a state-of-the-art computer lab and a surveying lab. The high quality of teaching and research is the hallmark of the Department.

About Ranchi:

Ranchi is the capital city of the Indian state of Jharkhand. It is located in the eastern part of the country and is known for its rich mineral resources, particularly coal and iron ore. Ranchi is situated on the Chota Nagpur Plateau, characterized by forest. Ranchi has a moderate climate throughout the year with pleasant weather it has many tourist spots with various temples and dams by Biodiversity Park and Falls.

Concept/ About the Conference:

The focal theme of this year's national seminar is "Climatic Vulnerability: Challenges to Physical Landscape and Human Response"

Climatic vulnerability has become a global challenge. Political summits at the global level have almost failed to resolve global issues related to climate vulnerability as like rise of greenhouse gases, ozone depletion, pollution, depleting biodiversity, increasing number and intensity of disastrous cyclones, global warming, sea level rise, forest depletion, terrain and landscape changes against the law of nature and so on. There has been a human response to bring sustainable development but odds coming from nature and also the human system are so strong and intense that the sustainable development targets are found in back gear and the vulnerable climate continues to remain in the alarming and disastrous situation. Sometimes the human response to face the challenge of sustainability seems to be armless and the challenge is to the human system becoming a challenge to the existence of not only mankind but to the entire biosystem. The physical landscape has its law of evolution. Climate is one of the most important determinants of the nature of the physical landscape. Vulnerable changes in climate have started to bring changes in the landscape. it has caused the emergence of new areas of flood deposits new areas of Badland topography, new

areas of undulating landforms, changes like coastal, mountain, and hill landscapes, new areas under desert landscape, depressed landforms, new waterlogged areas, drying old water bodies, etc. Human response to the environment has been a matter of time immemorable. However, earlier changes in the environment were a slow process and human response was slow but adjusting. The present situation is different. Changes particularly climate change have become vulnerable within a short span of time. Human beings have equipped themselves with the best available sustainable technology but vulnerability is so high that our efforts are not very effective. Moreover, nature displays vulnerability as a single unit but human groups are divided on key issues related to climate vulnerability and zero-level emission of CO₂ by 2050 as per the Paris accord. Only a few countries have made a commitment declaration. India has announced to achieve zero-level targets by 2070. In fact, human response needs to be started at the micro-level and the involvement of the community may bring more sustainable consequences. To have a detailed discussion on this complex issue in a 2-day seminar, the focal theme will be taken up under the following sub-themes.

Sub Themes:

1. Basic components of climate.
2. Global pattern of climate
3. Causes of changes in Climate.
4. Consequences of changes in climate.
5. Causes of climatic vulnerability
6. Consequences of climatic vulnerability
7. Physical landscape of Bihar/Jharkhand.
8. Climate of Bihar/Jharkhand.
9. Recent changes in the rainfall pattern of Bihar / Jharkhand.
10. Cyclone in Bihar / Jharkhand and recent changes in their distributional pattern.
11. Indicators of climatic vulnerability in India.
12. Indicators of climatic vulnerability in Bihar /Jharkhand.
13. Impact of flood and drought on the landscape of Bihar/ Jharkhand.
14. Impact of deforestation, mining activities, and growth of built-up areas on Physical landscape.
15. Human response for livelihood on changed physical landscape.
16. Climatic vulnerability and sustainable development goals.
17. Agro-climatic regionalization under the changed physical landscape.
18. Agro-climatic regionalization in the climatic vulnerable situation.
19. Human response to bring sustainable development at the micro-level.
20. Village ecology and climatic vulnerability.
21. Urban ecology and climatic vulnerability.
22. Any other topic related to the focal theme, Geography & Geoscience or environmental Science.
23. Meteorology.

Objectives:

The major objectives of the conference are the following –

- To raise consciousness about Climatic vulnerability on physical landscape and society, and the urgent strategy and planning to mitigate its effects.
- Assessment of the contemporary issues raised by the changing climate and find out the path to recovering an Ultimate Solution.
- Find out the way of Sustainable Development.
- To discuss and develop strategies, Policies, and frameworks for addressing climate change at local, national, and international levels.
- To share the latest information and findings on climate change and to discuss the potential solution.

About Presentation and Awards:

- ❖ **Poster Presentation**-The dimensions of the poster should be 4 feet wide and 3 feet

height. There will be the best poster award.

- ❖ **Oral Presentation:** best abstract will be considered for oral presentation. The time limit for oral presentation will be 8 min. three best papers will be awarded.

Registration Fee:

Category	Up to 15 September 2023		After 15 September or On Spot Registration	
	For the Convener	For Secretariat	For the convener	For the Secretariat
Teachers and Paid Scholars	Rs. 1500	Rs. 200	Rs. 2000	Rs. 200
Unpaid Research Scholars and Students	Rs. 700	Rs. 200	Rs. 1200	Rs. 200
Superannuated Teachers	Rs. 500	-----	Rs.500	-----

Payment Details:

Datils for the mode of mode payment of Registration Fee to the convener
Name of Account- 'CONVENER 24TH CONFERENCE AND SEMINAR OF
AGBJ

Account No- **5423825981**
IFSC Code- **CBIN0281311**
Bank Name- **Central Bank of India.**
Branch Name- Ranchi College Campus, Ranchi.

QR Code for Online Payments



Outstation participants have to arrange their own accommodation. The outstation participants can stay in hotels viz. Capitol Hill, Radisson Blu, Golden Tulip, Le Lac Sarovar, Green Acres. Etc.

Patron:

- ❖ **Chief Patron: Sri C.P Radhakrishnan, Hon'ble Convenor Cum Chancellor, Jharkhand.**
- ❖ **Patron: Dr. Ajit Kumar Sinha, Hon'ble Vice-Chancellor, Ranchi University, Ranchi.**
- ❖ **Co-Patron: Pro Vice Chancellor, Ranchi University, Ranchi.**
- ❖ **Convenor: Ms. Mary Shalini P Kerketta, Head University, Dept. Of Geography, Ranchi University, Ranchi.**
- ❖ **Co-Convenor cum organizing Secretary: Prof (Dr.) Jitendra Shukla, University Dept. of Geography, Ranchi University, Ranchi.**

Organizing Committee:

- Ms. Mary Shalini P Kerketta: HOD, University Dept. Of Geography, Ranchi University, Ranchi.
- Dr. Jitendra Shukla: University Dept. of Geography, RU, Ranchi.
- Dr. Ajay Kumar Sharma: University Dept. of Geography, RU.
- Dr. Gayendra Kumar Singh: University Dept. of Geography, RU.
- Dr. Umesh Chandra Nath Tiwari: University Dept. of Geography, RU..

- Dr. Sunil Kumar: University Dept. of Geography, RU.
- Dr. Rajesh Kumar Lal: University Dept. of Geography, RU.
- Dr. Debjani Roy: Dept. of Geography, Nirmala College, Ranchi.
- Dr. Shashi Kanta Toppo: Dept. of Geography, RWC, Ranchi.
- Dr. Surbhi Sahu: Dept. of Geography, RWC, Ranchi.
- Dr. Smita Linda: Dept. of Geography, RWC, Ranchi.
- Dr. Harsimrat Kaur: Dept. of Geography, RWC Ranchi.
- Dr. Supriya: Dept. of Geography, Doranda College.
- Sri Animesh Roy: St. Xavier's College, Ranchi.
- Sri. Prem Shankar Tiwari: University Dept. of Geography, RU.
- Dr. Arun Kumar: University Dept. of Geography, RU.
- Smita Kumari: University Dept. of Geography, RU.
- Sri Kant Kumar: Dept. of Geography, KCB College.
- Ravi Kumar: Dept. of Geography, Doranda College.

Advisory Committee:

- Prof (Dr.) V.C Jha: Head & Dean, Science Faculty, Viswa Bharati University, Shantiniketan, Director NATMO, Former Vice-Chancellor-TMU. Ex-President of INCA.
- Prof (Dr.) Anuradha Banerjee: Head, Centre for the Study of Regional Development, School of Social Sciences, JNU, Delhi.
- Prof (Dr.) RBP Sing: Head & Dean Dept. of Geography, Patna University, Patna, and former Vice-Chancellor Patna University, Patna, and Nalanda University, Patna, Chief Editor Geog. Perspectives.
- Prof (Dr.) B.C Vaidya: Prof Emeritus, Centre for Regional Development, JNU.
- Prof (Dr.) P.C Tiwari: Former Prof & Head, Dept of Geography, University of Madras, Chennai.
- Prof (Dr.) N.C Jana: Head & Dean, Faculty of Social Science, Dept. of Geography, Burdwan University, W.B.
- Dr. Madhumita Das Gupta: Dean, Faculty of Social Sciences, R.U.
- Dr. Sujay Srivastava (IFS): Principal Chief Conservator of Forest, Jharkhand
- Prof. Arvind Muli: Head, Dept. of Geography, Karnataka University, Bangalore.
- Senior Professor (Dr.) Ravindra.G. Jayabhaye, Savitri Bai Phule University, Pune.
- Prof. (Dr.) G.S. Jha: Expert Advisor, IQAC, RU, Ranchi.
- Dr. Smriti Singh: OSD, VC, RU, and expert IQAC.
- Dr. Ramkumar Tiwari: Ex-Head, University Dept. of Geography, RU.

Highlights of the Conference:

- ❖ Eminent Speakers:
- ❖ Lecture by an Eminent Speaker
- ❖ Oral / Poster Presentation Section
- ❖ Awards: Best Oral/ Poster Presentation.
- ❖ Interactive Session and Interactive Panel Discussion Session

Eminent Speakers:

- Prof. (Dr) V.C Jha: Former VC- TMU, Ex-President of INCA & Former Director NATMO, India.
- Prof. R.B.P Singh (Former VC- PU & Nalanda Bihar and Education advisor Bihar Govt.
- Prof (Dr.) N.C Jana (Former Head & Dean, BU, WB).
- Dr. Pradeep Kumar, IFS, Former PCCF, Govt. of Jharkhand.

Contact Details:

1. Prof (Dr.) Jitendra Shukla, Mob: **9113477069**
2. Ms. Mery Shalini P Kerketta (HOD), Mob No: **9955450493**
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univdeptgeographyru@gmail.com

Think About Our Earth



“Stop and Go” – Griffith Taylor

“I only feel angry when I see waste. When I see people throwing away things we could use.”— Mother Teresa

- “The greatest threat to our planet is the belief that someone else will save it.”— *Robert Swan*

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If you really think that the environment is less important than the economy, try holding your breath while you count your money.

- Guy McPherson

