



**XXII INQUA 2027**  
28 January to 3 February, 2027

# **FIRST CIRCULAR**

**Theme**  
**Quaternary Science as Societal Services**



*Welcome to India*



Ministry of Science & Technology  
Government of India



Ministry of Earth Sciences  
Government of India





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# Scientific Patronage and Invitations



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## International Union for Quaternary Research

INQUA is registered as a foundation in the Netherlands: KvK - RSIN-number 81067321



Dear colleagues,

It is with great honour that I, as President of INQUA, invite you to attend the XXII INQUA Congress, which will take place in Lucknow, India, in 2027.

The INQUA Congress, held every four years, is the most significant event for our Union. It brings together quaternary scientists from around the world to exchange knowledge, foster collaborations, and discuss the latest advancements in the field.

Founded in 1928 during a geological conference in Denmark, INQUA has a long tradition of promoting quaternary science and its applications. Over the decades, our congresses have been held in diverse locations, including Reno (USA, 2003), Cairns (Australia, 2007), Bern (Switzerland, 2011), Nagoya (Japan, 2015), Dublin (Ireland, 2019), and, most recently, Rome (Italy, 2023).

During the Rome Congress, it was announced that Lucknow, India, will host the XXII INQUA Congress. This recognition of the region's rich Quaternary history and the invaluable contributions of Indian scientists to our field reflects the country's diverse geological, climatic, and environmental settings, which provide an outstanding backdrop for discussions on past, present, and future Earth system changes.

The focal theme of the 2027 Congress, "Quaternary Science as Societal Services," underscores the critical role of our discipline in addressing modern global challenges—from climate change and natural hazards to sustainable resource management and heritage conservation. The Congress will provide a platform for cutting-edge research, interdisciplinary dialogue, and innovative approaches to applying Quaternary science for the benefit of society.

Beyond the scientific program, Lucknow, known for its rich history, vibrant culture, and architectural heritage, offers a remarkable setting for professional networking and engaging discussions. The organizing committee is working on an ambitious, inclusive, and engaging event that will ensure a memorable and impactful experience for all participants.

I am excited to have had the opportunity to visit Lucknow in mid-February and would like to express my sincere gratitude to the 2027 Congress organizers and the Quaternarists community of Lucknow for their warm welcome and the valuable work they do.

I wholeheartedly encourage you to join us at the XXII INQUA Congress in Lucknow in 2027. I am confident that this gathering will inspire new collaborations, generate fresh ideas, and further strengthen our global Quaternary research community. Looking forward to welcoming you in Lucknow in 2027!

INQUA President

Laura Sadori





# Scientific Patronage and Invitations



भारतीय राष्ट्रीय विज्ञान अकादमी

बहादुर शाह जफर मार्ग, नई दिल्ली-110002

INDIAN NATIONAL SCIENCE ACADEMY

Bahadur Shah Zafar Marg, New Delhi-110002

प्रोफेसर आशुतोष शर्मा, अध्यक्ष

Prof. Ashutosh Sharma, President



7<sup>th</sup> April 2025

To,

Members of the Global Quaternary Science Community  
International Union for Quaternary Research (INQUA) Congress

**Sub: Invitation for XXII congress of INQUA in Lucknow, India in 2027**

Dear Esteemed Members of the Global Quaternary Science Community,

On behalf of the Indian National Science Academy (INSA) and the organizing committee of the XXII Congress of the International Union for Quaternary Research (INQUA), it is my great honor and privilege to extend a warm invitation to you to participate in this prestigious global event, to be held in the historic city of Lucknow, India, from **28<sup>th</sup> January to 3<sup>rd</sup> February 2027**.

INSA nurtures a globally competitive scientific community that translates knowledge for societal benefit. We foster new scientific thought through collaboration within an inclusive ecosystem. Our mission is to support research that contributes to national and global goals while creating synergies across disciplines.

The INQUA Congress is a premier platform for scientists, researchers, and experts in Quaternary geoscience to share pioneering research, exchange knowledge, and foster international collaboration for global good. The XXII Congress in Lucknow offers a unique opportunity to engage with a dynamic scientific community while experiencing India's rich cultural and historical heritage.

We invite you to contribute your valuable research, engage in stimulating discussions, and be a part of this significant scientific gathering. Your participation will undoubtedly enhance the depth and impact of this Congress, furthering the advancement of Quaternary science on a global scale.

We look forward to welcoming you to Lucknow in 2027 for an intellectually enriching and culturally immersive experience.

With warm regards,

Ashutosh Sharma

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# Scientific Patronage and Invitations



## बीरबल साहनी पुराविज्ञान संस्थान BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES (भारत सरकार के विज्ञान और प्रौद्योगिकी विभाग का स्वायत्त संस्थान) (AN AUTONOMOUS INSTITUTE UNDER DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVERNMENT OF INDIA)

प्रो. एम. जी. ठक्कर  
निदेशक

Prof. M.G. Thakkar  
Director



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लखनऊ -226007, भारत  
53, University Road,  
Lucknow -226007, India

Date: 18.03.2025

Dear Quaternary Community and Friends,

It is with great enthusiasm that I extend a heartfelt invitation on behalf of the Birbal Sahni Institute of Palaeosciences (BSIP) to participate in the **INQUA 2027 Congress**, set to take place in the historic city of **Lucknow, India**. This premier international gathering of Quaternary scientists offers a unique platform to showcase cutting-edge research, foster collaborations, and engage in discussions on the latest advancements in Quaternary sciences.

BSIP, a pioneering institute dedicated to paleobotanical and paleoenvironmental research, was envisioned and founded in 1946 by the eminent scientist **Prof. Birbal Sahni, FRS**. Since its inception, BSIP has been at the forefront of scientific exploration, significantly contributing to our understanding of past climates, ecosystems, stratigraphy, and biotic evolution. Hosting INQUA 2027 in Lucknow underscores our commitment to advancing Quaternary science and facilitating global scientific exchange.

The host city, **Lucknow**, renowned for its rich cultural heritage and warm hospitality, provides an ideal setting for this esteemed congress. The event will feature **keynote lectures, scientific sessions, workshops, field excursions, and networking opportunities**, all designed to foster interdisciplinary collaboration and knowledge sharing. Our objective is to make INQUA 2027 an intellectually stimulating and culturally enriching experience for all participants.

We eagerly anticipate your participation and look forward to welcoming you to India in 2027 for a congress that promises to be both academically rewarding and culturally immersive. Please save the date and stay tuned for further details on **abstract submissions, registration, and program updates**.

We look forward to your esteemed presence at **INQUA 2027**

Warm regards,

Prof. Mahesh G Thakkar

Director  
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# Scientific Patronage and Invitations



राष्ट्रीय ध्रुवीय एवं समुद्री अनुसंधान केन्द्र

पृथ्वी प्रणाली विज्ञान संगठन

पृथ्वी विज्ञान मंत्रालय, (भारत सरकार)

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Earth System Science Organization

Ministry of Earth Sciences, (Government of India)

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डॉ. तम्बान मेलथ

निदेशक

**Dr. Thamban Meloth**

Director



Subject: Welcome to INQUA 2027, Lucknow, India – reg.

Dear Colleagues from the Global Quaternary Research Community,  
Greetings from the National Centre for Polar and Ocean Research (NCPOR), India!

It is my pleasure that I extend this invitation to the Global Quaternary Research Community to participate in the **Congress of the International Union for Quaternary Research (INQUA) 2027**, scheduled to be held in **Lucknow, India** during **28<sup>th</sup> January to 3<sup>rd</sup> February 2027**. As a distinguished forum for advancing interdisciplinary research on past and present environmental changes, this Congress will serve as a platform to foster collaboration, innovation, and knowledge exchange in Quaternary science and its translational aspects.

NCPOR, as India's premier Institute dedicated to polar and ocean research, has been at the forefront of cryospheric studies across the **three poles—the Arctic, Antarctic, and the Himalayas**. Our expertise in studying past climate variability, glaciology, permafrost dynamics, and ocean-atmosphere interactions has significantly contributed to understanding environmental changes in cryogenic landscapes. We are honored to be a **co-bidder and organizer** for INQUA 2027, reinforcing our commitment to global scientific collaboration in Quaternary research.

India, with its rich geological heritage and diverse climatic records, provides an excellent setting for engaging discussions and field excursions that will enrich the scientific deliberations of INQUA 2027. Lucknow, a historic city known for its cultural vibrancy, will serve as an ideal host for this prestigious event.

We warmly invite you to join us for an intellectually stimulating and culturally enriching experience at INQUA 2027. Your participation will be invaluable in shaping the future of Quaternary research and fostering stronger international scientific partnerships.

We look forward to welcoming you to India in 2027.

(Thamban Meloth)

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# Scientific Patronage and Invitations



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On behalf of the Association of Quaternary Researchers (AOQR) it is my honor to extend a warm invitation to the global Quaternary community to participate in the upcoming XXII INQUA Congress, which will be held in Lucknow, India, from **January 28 to February 3, 2027**.

AOQR, a dedicated platform representing the Quaternary Geology community across India, was privileged to co-bid for INQUA 2027 and is now actively engaged in pre-INQUA activities to sensitize and prepare the Indian Quaternary community for this landmark event. The Congress will provide an excellent opportunity to engage with leading researchers, exchange cutting-edge scientific advancements, and foster collaborations in the field of Quaternary sciences.

India, with its rich and diverse geological heritage, big Quaternary community and range of institutions offers a unique setting for discussing Quaternary research challenges and opportunities for society. We look forward to your esteemed presence and valuable contributions to make INQUA 2027 a grand success. Please mark your calendar and stay tuned for further updates regarding abstract submissions, registration, and scientific sessions.

Let us come together to advance Quaternary research and strengthen ourselves for the global good.

We eagerly anticipate welcoming you to India in 2027!

*Vandana Prasad*

Dr Vandana Prasad  
AOQR President

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# Scientific Patronage and Invitations

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# INQUA 2027

Dear Colleagues,

The Indian Quaternary Community feels privileged and honoured to be assigned the task of hosting the XXII Congress of the International Union of Quaternary Research (INQUA) at Lucknow, India during January-February, 2027. The four yearly INQUA Congress will bring together experts, researchers, and scholars all over and serve as a platform for discussion and exchange of ideas on varied aspects of Quaternary Sciences and Societal services provided by it.

We extend a warm invitation to every Quaternary scientist and stakeholder to participate in the XXII INQUA Congress to be held during 28<sup>th</sup> January to 3<sup>rd</sup> February 2027 in Lucknow, India.

The INQUA Congress at Lucknow will be co-organized by

- a) the Birbal Sahni Institute of Palaeosciences (BSIP), Lucknow;
- b) the National Centre for Polar and Ocean Research (NCPOR), Goa;
- c) the Association of Quaternary Research (AOQR)

along with all the other institutions and universities, who will actively contribute to the organization of this congress.

The theme of the congress "*Quaternary Sciences as Societal Services*" will provide a platform for exchanging ideas, sharing innovative research, and fostering collaborations across diverse disciplines. This will result in the development of geo-evidence based societal solution for global good and for appropriate policy regulation. Therefore, a critical focus will be on new developments, quantification, mathematical modelling, societal solutions and policy inputs. This focus will add to the varied dimension of Quaternary sciences ranging from Palaeoclimatology, Paleoseismology, Neotectonics, Glaciology and Oceanography, Landscape Evolution, Metagenomics to Archaeology and Human Migration. Other area of Earth Sciences aligning with the broad vision of INQUA will be welcome. As the norm is, the congress will comprise plenary lectures on futuristic themes, keynote presentation, technical sessions, poster sessions, workshops, panel discussions and short training courses for capacity building. The planned field excursions to twenty important Quaternary sites of India, will be additional experience for the participants. The INQUA expo will comprise exhibits by major instrumentation manufacturers and the publishers of Literature related to Quaternary Sciences.

The host city Lucknow was founded in 13<sup>th</sup> century and is referred to as the "*City of Nawabs*" (Royal chiefs). It is known for its rich cultural tradition and heritage, exquisite "*Awadhi*" cuisine, elegant handicraft and cloth work (*Chikankari*), ancient monuments and warm hospitality. The conference will be held in Indira Gandhi Pratisthan, Gomti Nagar, Lucknow which is a modern, well equipped centre with modern amenities. We therefore feel confident that the participants will find their visit, academically enriching, culturally delightful and socially engaging. The accompanying persons can also enjoy the local culture, monuments, music and other activities. An overview of Lucknow can be assessed [here](#).

This circular provides the preliminary outline of the program, broad scientific themes, and other information of relevance to plan your visit. More information and updates will be available on the [official website](#) that will be regularly updated. Once again we offer a warm invitation and will welcome the privileged and honour of hosting you and your guests to India.

Pradeep Srivastava

Rahul Mohan

Binita Phartiyal

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**Secretary General:** Enikő Magyari

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Maria Fernanda Sanchez Goni

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**INQUA Secretary:** Aritina Haliuc

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Ashok Sahni, Panjab University, Chandigarh, India

D.M. Banerjee, Indian National Science Academy, New Delhi, India

Devender Kumar, National Geophysical Research Institute, Hyderabad, India

Hema Achyuthan, Anna University, Chennai, India

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Rajiv Sinha, IIT-Kanpur, Kanpur, India

Ranjit Rath, Oil India Limited, Noida, India

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S.A. Romshoo, Kashmir University, Srinagar, India

Sunil K. Singh, National Institute of Oceanography, Goa, India

Sunil Kumar, Department of Science and Technology, New Delhi, India

Tandong Yao, CAS Institute of Tibetan Plateau Research, Beijing, China

Thijs Van Kolfschoten, Leiden University, Netherlands

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**Vice President XXII INQUA:** Rahul Mohan

**Organizing General Secretary XXII INQUA:** Binita Phartiyal

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**Finance Committee:** Mahesh G. Thakkar, Chair

**Science Program Committee:** Ashok Kumar Singhvi, Chair; Santosh K Shah, Convener

**Field Trips Committee:** Malay Mukul, Chair; Anupam Sharma, Convener

**Volunteer and Capacity Building:** Rasik Ravindra, Chair; Avinash Kumar, Convener

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**Social Outreach and Media Committee:** Rahul Mohan, Chair; Prabhin Sukumaran, Convener

**INQUA HOST support Programme Committee:** Nagaraja Kumar, Chair

**Professional Congress Organizer (PCO) Committee:** Rasik Ravindra, Chair

## Science Program Committee

A.K. Singhvi, Physical Research Laboratory, Ahmedabad, India (Chair)

Santosh K. Shah, Birbal Sahni Institute of Palaeosciences, Lucknow, India (Convener)

Alessandro Maria Michetti, Università dell'Insubria, Italy

Alessio Rovere, Ca' Foscari University of Venice, Italy

Anand Pandey, National Geophysical Research Institute, Hyderabad, India

Andrea Zerboni, Università Degli Studi Di Milano, Milano, Italy

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Melissa Berke, University of Notre Dame, USA

Peter Langdon, University of Southampton, UK

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Shanti Pappu, Sharma Centre for Heritage Education, Chennai, India

V.M. Tiwari, Federation of Indian Geosciences Associations (Nominee), India

Victor Baker, University of Arizona, USA

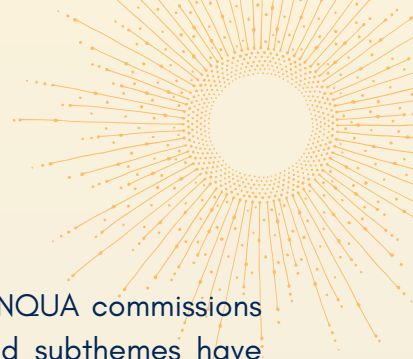
Vimal Singh, Delhi University, New Delhi, India

Vineet K. Gahalaut, Wadia Institute of Himalayan Geology, Dehradun, India

Waliur Rahman, National Centre for Polar and Ocean Research, Goa, India







The scientific themes of the Congress, that are listed below, align with INQUA commissions (<https://inqua.org/commissions>). Tentatively the following Themes and subthemes have been identified but we will welcome any suggestions/ideas for additional novel themes. Towards this and for any other enquiries on the scientific program, please contact: [inquascience@gmail.com](mailto:inquascience@gmail.com)

## Natural Processes and Geohazards

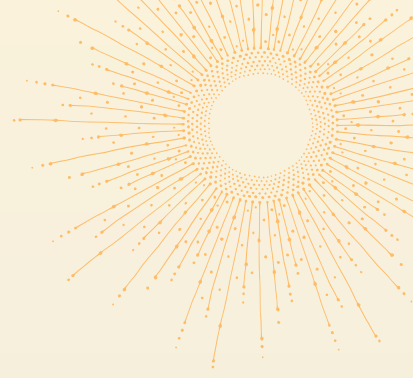
1. Earthquakes, palaeo-seismicity and seismic hazard
2. Palaeo- and historical tsunami and marine geohazard
3. Floods, landslides, desertification, tectonics: past and present
4. Records of weathering and erosion
5. Natural hazards and society: policies and risk reduction
6. Geohydrology in irrigated regions
7. Aquifer mapping and ground water management
8. Soils of the Earth and their management for sustainability

## Landforms, Sedimentary Architecture as Response to Climate variability

1. Quaternary evolution of fold and thrust belts
2. Rivers: evolution and demise
3. Glacial and periglacial and permafrost environments
4. Lakes and wetlands
5. Records of sea level changes
6. Coasts, mangroves, lagoons estuaries and deltas
7. Karst processes, deposits and landforms
8. Deserts – landforms and evolutionary trends
9. Records of neotectonics in various settings
10. Tectonic geomorphology, earth surface processes and infrastructure







## Quaternary Environments: Societies and Biotic Evolution

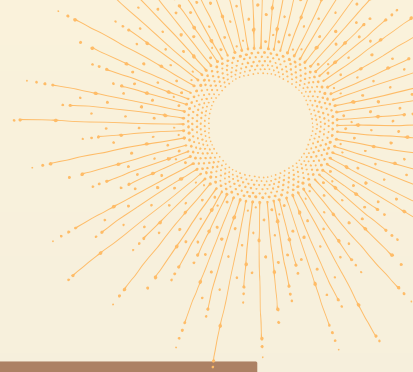
1. Geological and climate forcing on ancient societies and feedbacks
2. Geoarchaeology, geoscience education and feedbacks to society
3. Preserving and disseminating the cultural and geoheritage
4. Palaeoanthropology
5. Ancient- sedimentary and environmental DNA applications: biome-climate-society interactions
6. The Quaternary fossil record, molecular biology and phylogeny
7. Forensic sciences in Quaternary
8. Interfacing biotechnology with geosciences: building a scenario for 2050
9. Geoparks and Geo-Tourism
10. Human transformation of earth systems and sustainability
11. Geomicrobiology and biogeochemistry in life under extremes
12. Dendrochronology and dendroclimatology

## Markers, Ecosystems and Biogeography of “Anthropocene”

1. Response of biota to palaeoenvironmental changes
2. Islands, continental bridges and drowned landscapes
3. Palaeoecology as a tool for ecosystem management
4. Records of anthropogenic impact on landscape and sustainability
5. Critical zone, soils and biogeochemical cycles







## Climate record, processes and models

1. Non-conventional proxies of climate variability
2. Palaeogeographic and climatic changes in marine and terrestrial systems
3. Past global climate records in polar and mountain ice
4. Forcing and records of abrupt and extreme climate changes
5. Climate changes on sub-millennial to Milankovitch time scale
6. Climate modelling and data assimilation: simulate past changes and future scenarios
7. Global, regional and local sea-level changes: drivers and vulnerabilities

## The Quaternary Chronology

1. Marine and terrestrial stratigraphy and advances in correlation
2. GSSPs and stratotypes
3. Geochronology: advances in dating techniques
4. Mapping and Modelling in Quaternary

## Applications of AI/ML in Quaternary Science for Societal Good

1. Large data and climate models
2. Glacial melting, hydrology, climate and future
3. Applying geological data to predictive models of humanscapes
4. Numerical simulations: challenges and opportunities
5. Data archival and knowledge systems







## Professional issues; inclusivity, equity and diversity

1. Gender-based issues
2. Participation of physically challenged colleagues of determination
3. Early Career Researchers (ECRs)
4. Ethics in research, publication, governance and outreach
5. Ethics and social responsibility of geoscientists
6. Geoheritage
7. Serving the needs of Global South

## Plenary/Keynote/Contributed and Public Lectures

Plenary lectures on futuristic interdisciplinary topics of 45 minutes duration are planned. Focus will be on emerging areas of the Quaternary services, mathematical modelling, Improved quantification in INQUA science and new approaches in pedagogy. Keynote lectures of 30 min duration will be session specific and it will be up to the session convenors to identify and invite appropriate speakers. Contributed presentation will be 15 minutes in total duration, including a 3-minute discussion. The keynote and contributed lectures will be organised in 10-12 parallel sessions. The Science Program Committee also welcomes suggestions for the potential themes and potential speakers, via email to [inquascience@gmail.com](mailto:inquascience@gmail.com). All suggestions will be acknowledged.

At least 2 public lectures on themes of social concern will be arranged and will involve experts in outreach and public policy.





# Call for Session Proposals



Session proposals would align with the scientific themes related to the INQUA vision and its scientific commissions and endeavours. These should deal with current and emerging issues in the Quaternary sciences and new possibilities in the development of the relevant societal services. Thus session proposals that explore the contributions of the Quaternary research to societal challenges such as paleoclimate, environmental changes, human impact, geohazards, geo-resources, and gender and ECR related issues will be encouraged.

Each Session module will have a minimum 6 oral presentations of 15 min each, a keynote presentation of 30 minutes and a half day of posters (1.5 hours total). Convenors will be responsible for the choice of keynote speakers in their session.

**Submissions for session proposals will start on 25 April 2025 and close on June 25, 2025.** Each proposal will be reviewed by the Scientific Program Committee and notification confirming the acceptance of sessions will be issued by 25 July 2025 and included in the call for abstracts in the second circular. By 25 February 2026, the conveners of the selected sessions will receive a status report with information about the submissions for a specific session. In case of insufficient number of abstracts for any session, the organizing committee will reserve the right to cancel or merge sessions, following consultation with the proposers. Final decision regarding the sessions that will be convened at the Congress will be announced by April 25, 2026 and the final program will be announced in the third circular (October 25, 2026).

If interested in proposing a session under a particular theme, Proposers should send a document with the following details by email to the address [inquascience@gmail.com](mailto:inquascience@gmail.com).

## Form 1: Session Proposal Form

**Lead Convener** (Name, affiliation and email address):

**Co-Conveners** (Name(s), affiliation and email addresses):

**Session title** (Maximum 150 characters, including spaces):

**Running title** (10 words or less):

**Session description** (Max 1000 characters including spaces):

**Specify relevant INQUA Commission** (CMP, PALCOMM, HABCOM, SACCOM, TERPRO):

**Secondary Commission** (Optional):

**Keywords** (Maximum 5):

**Scientific theme:**

**Outreach session description for non-specialist** (Maximum 500 characters including spaces):

**Time requirement** (1 session on module/ (2 hours), 2 session modules (4 hours)):







# Call for Workshops and Training Courses

We plan for a range of workshops (up to 6 hours) and training courses (up to 6 hours) for students, ECRs or any interested researchers. Many of these will be free or will bear a small cost that will be decided by the proposer. Information on these will be made available through the Congress website effective 25 July 2025. Those desirous of developing a workshop module, please contact with details and a page write up on the course content and number of lectures soon after the call for proposals opens on 25 April 2025. Please, send your expression of interest in a format given below for Workshop and short training courses to [inquascience@gmail.com](mailto:inquascience@gmail.com) by the end of 25 June 2025.

## **Form 2: Expression of Interest for Workshops / Trainings and Courses** **(Short course, 4 hours and Long course, 8 Hours)**

**Title** (Maximum 150 characters, including spaces):

**Topic** (Must be relevant to Quaternary):

**Timing** (pre/post/mid-Congress):

**Duration** (4 hours / 8 hours):

### **Requirements:**

(Please indicate as to how you plan to conduct the workshop. Indicate the requirements of the lecture room i.e., Lighting/Sound/AV/Any other technical support, space requirements and any other additional information. Please, specify which elements you will bring by yourself and which elements should be provided by the Congress Organizers):

### **Description:**

(Brief description of the workshop issue, its main goals and how it fits with INQUA science. Please, provide if there are specific requirements for the skills of the participants):

**Participants** (Pre-requisites; Maximum and minimum number of participants):

### **Costs/Fee:**

(Organizing Committee will provide for free rooms and AV infrastructure. Other support will be made available, depending on the resources):

**Specify relevant INQUA Commission** (CMP, PALCOMM, HABCOM, SACCOM, TERPRO):



Bara Imambara, Lucknow



# Proposed schedule of events

The programme will be developed on submitted session proposals in the framework of the scientific commission of INQUA. We invite everyone to submit proposals for sessions.

Pre-Congress Field Trips	20 - 27 January 2027
Exhibition(s) setup	26-27 January 2027
Onsite registration and Icebreaker party	27 January 2027
Opening Ceremony	28 January 2027
Scientific Program	28 -30 January 2027; 1 - 3 February 2027
Mid-Congress Field Excursion	31 January 2027
Congress Social Dinner	2 February 2027
General Assembly and Closing ceremony	3 February 2027
Post Congress Field Trips	4-9 February 2027 (may start leaving on evening of 3 February 2027)

## Scientific Programme at a glance

INQUA 2027		27 January	28 January	29 January	30 January	31 January	1 February	2 February	3 February	
9:00	Pre-conference Field Excursion	Return from Field	Registration			Mid-conference Field Excursion	Registration			Post-conference Field Excursion
9:00-10:30			Inauguration	Topical Session	Topical Session		Topical Session	Topical Session		
10:30-11:00			Tea/Coffee				Tea/ Coffee			
11:00-13:00			Plenary/ Public Sessions / Business Meetings / Expo				Plenary/ Public Sessions / Business Meetings / Expo			
13:00-14:00			Lunch				Lunch			
14:00-15:30		Registration and Ice Break	Topical Session	Topical Session	Topical Session		Topical Session	Topical Session	Valedictory Session and Closing ceremony	
15:30-16:00			Tea/Coffee				Tea/Coffee			
16:00-18:00			Topical Session	Topical Session	Topical Session		Topical Session	Topical Session		
18:00-20:00			Cultural Program / Group Interactions				Cultural Program / Group Interactions		Leave for Field	
20:00			Welcome Dinner	Local Tours / Social Activities / Shopping				Conference Dinner		





# Congress Participation

## Venue and facilities

The XXII INQUA Congress will be held at **Indira Gandhi Pratishthan (IGP)** in Gomti Nagar, Lucknow. The IGP is located at about 22 km from the airport and 11 km from the Lucknow railway station and is easily accessed through Uber, Ola and other taxi services.

IGP is a green campus spread over 25 acres and has easy access to hotels with a range of luxurious star hotels. The facility is eco-friendly and offers ample parking space and access for persons of determination (differently abled). Additional support shall be provided on prior request to the official INQUA email [inquaindia@gmail.com](mailto:inquaindia@gmail.com).



**Indira Gandhi Pratishthan (IGP)**

It can accommodate up to 10000 delegates and offers state-of-the-art facilities in 25 auditoriums/lecture rooms with seating capacities of 1500, 600, 400, and 200, as well as 10 small meeting rooms. IGP has fully air-conditioned halls and will have high speed free internet facilities. It has /CCTV based security, banquet halls, business lounges and other office spaces. High level of security will be provided to the participants. Storage/housekeeping, LCD screens/video walls, and first aid facilities will be available.





# Congress Participation

## Congress Calendar

Event	Deadline
First circular	25 April 2025
Call for sessions, short courses and workshops	25 April 2025
Call for sessions, short courses and workshops proposal closes	25 June 2025
Notification of sessions, short courses and workshops acceptance	25 July 2025
Abstract submission opens	25 September 2025
Abstract submission closes	25 January 2026
Notification of acceptance of abstracts	25 March 2026
Request for financial support opens	25 March 2026
Early Bird and field trip registration opens	25 March 2026
Second circular	25 April 2026
Request for financial support closes	25 April 2026
Formal notification of financial support	10 June 2026
Early bird registration closes, Field trip registration closes	25 July 2026
Regular registration and accompanying person registration opens	1 August 2026
Deadline for payment fees to secure presentation	25 September 2026
Regular registration closes	25 September 2026
Third circular	25 October 2026
Delayed and onsite registration continues	Closing date of Congress





## Registration and Refund

The registration fees as tabled below will cover lunches, morning and afternoon tea/coffee/refreshments (excluding during the mid-Congress excursion), the icebreaker party. Additionally, it will include an abstract booklet (on Pen drive) and a free Congress Mobile App, which will also be downloadable for tablets and smartphones and allow users to create their personalised programmes. Registration for accompanying people will cover lunches, morning and afternoon tea/coffee/refreshments.

Congress dinner fee will comprise a full buffet meal with a range of Indian and International cuisines. Non-alcoholic drinks will be available.

Category	Early Bird Fee Till 25 July 2026	Regular Fee Till 25 Sept 2026	Registration with Late Fee / On Site
Full Registration	€550	€650	€750
Student Registration ECR* and DCR**	€350	€450	€500
One Day Registration	-	€250	-
Registration for Accompanying Person	€300	€300	€300
Congress Dinner	€60	€60	€60

\* ECRs - 8 years after the award of the Ph.D. degree

\*\* Developing Countries Researchers are defined following the world bank economic criteria given at <https://data.worldbank.org/country>

Normally, once the registration fee is paid, it shall not be refunded, except in exceptional situations for example medical emergencies and loss of life. However, in case of cancellation of the Congress due to unforeseen circumstances (such as a pandemic), registration fee amounts will be refunded after deducting the bank transfer charges. It will be in the interest of the participants that they keep full details of bank transfer and share these when needed.





## Visa requirements

The entry formalities and vaccination requirements for India vary according to the country of origin. The website of the Indian Ministry of External Affairs provides information about visa requirements and can be accessed at <https://www.mea.gov.in/>. It will be the delegate's responsibility to investigate the visa requirements for India and obtain a visa by taking into account the time needed for visa processing. The organizing committee will inform the Indian embassies/consulates about the Congress, and update them with the registered participants with their details. **Please note that, in some cases, a typical visa processing time could be 3-4 months and therefore a prior consultation with the local Indian Embassy is recommended.**

## Letter of Invitation

On specific requests, the Congress organizers will provide a letter of invitation to delegates for visa applications for fundraising purposes. Towards this, please provide your name, affiliation, and relevant passport details, including passport number, father's name, and address and the details of your contribution (paper/session etc.) to email to [inqua.india@gmail.com](mailto:inqua.india@gmail.com). Please note that this letter will not imply any financial or other support from the organizers and will be valid only for stay during Congress. Delegates receiving support from the Congress will be contacted separately.

## INQUA financial support

The XXII INQUA Congress Organizing Committee will endeavour to raise funds to help contribute some support to the participation of delegates from low-income countries and the Global South, through financial support from INQUA and other Congress sponsors. Support will be limited to those who have submitted an abstract that has been accepted. Individuals not presenting papers will not be eligible for the grant program.

## Early Career Researchers (ECR) program

The ECR icebreaker party will be organised by the INQUA ECR team along with AOQR ECR. For this an additional charge of 20 € is applicable. The ECR committee and members will organise ECR business meetings during the Congress. Additionally, a joint INQUA-PAGES ECR meeting will be organised. Further information for these ECR events will be added later in a detailed program. Grants will be available to ECRs on a competitive basis.

## Participants from Global South

Additional discount on registration fee will be given to participants registering from least developed countries of the global south.





## Social media

We will be using social media platforms to keep you connected to XXII INQUA Congress both before, during and after the Congress. Please use the hashtag on Twitter, Facebook and Instagram, #INQUAIndia2027. Check for our accounts (X - @inqua2027india, Instagram - inqua2027india, and Facebook - inqua2027india) and follow the Congress online to stay current with all the latest developments, plans and deadlines.

## Social Outreach

One aim of the XXII INQUA Congress is to increase public awareness of the work of the Quaternary scientists and to facilitate dissemination of information beyond our community. The INQUA India talk series Standing together for the future, has already started. The Podcast of INQUA India is also active. Please visit INQUA website for regular updates. We are also planning several outreach activities, which will involve schools, university students and the general public. We are also open to proposals by research groups that involve artistic activities (small plays, competitions, photographic exhibitions, awareness programs etc.) for the dissemination of their work and societal relevance of Quaternary Science. If you are interested in proposing outreach activities, contact the organizers by 25 July 2026 in [inqua.india@gmail.com](mailto:inqua.india@gmail.com).







## AIR CONNECTIVITY

Lucknow, the capital city of Uttar Pradesh, is conveniently located just an hour's flight away from New Delhi, which is one of the major aviation hubs in India. The Indira Gandhi International (IGI) Airport in Delhi is connected to all the major international airports in the world, making it easier for traveler's to reach Lucknow from anywhere in the world. The IGI, Delhi airport is served by all the major international airlines such as Emirates, Etihad, Qatar Airways, British Airways, Lufthansa, Air France, Singapore Airlines, and many more. These airlines operate frequent flights to Delhi from destinations like New York, London, Dubai, Singapore, Hong Kong, Tokyo, Sydney, and many other cities worldwide. From the IGI, Delhi airport, traveler's can easily take a connecting flight to Lucknow. There are several airlines that operate direct flights between Delhi and Lucknow, including IndiGo, Air India, SpiceJet, and Vistara. Furthermore, the IGI, Delhi airport is well-equipped with modern facilities and services to cater to the needs of traveler's. It has lounges, restaurants, duty-free shops, currency exchange counters, and many other amenities to make the travel experience comfortable and convenient.

The upcoming new terminal of the Lucknow airport is designed with 20 aero-gates and, 8 aero bridges, 12 bus gates and a VVIP corridor is to be functional in 2024 and 25 international flights and 159 domestic flights operation is estimated per day by 2025. It is category 4 airport and is amongst the 10 airports of India with digiyatra (all digital). Every hour five flights from Delhi are expected in 2027. The passenger movement of 15-20 million per annum is foreseen.



## TRAIN

46 trains run Delhi (Country's Capital City) to Lucknow that can be booked using <https://www.ircrc.co.in>



## CAR

Delhi and Lucknow are connected through the Yamuna and Taj Expressway through Agra. It takes 7 hours to drive between the two cities.



## BUS COACH

There are many air conditioned buses also running from Delhi to Lucknow daily covering an approximate distance of 493 km.



## LOCAL CONNECTIVITY FROM LUCKNOW AIRPORT

Lucknow, being the capital city, is also one of the largest cities of Uttar Pradesh. Therefore, delegates would find no problem in seeking the means of transports for travelling from Airport and around the city. The local transportation in Lucknow is affordable. Metros, Buses, Auto rickshaws and Taxis are the main modes of getting around the city.







## TRAVEL INSURANCE

It is advisable to obtain travel and health insurance. Such insurance should cover payment for medical care in the case of hospitalisation as well as the cost of repatriation to home country if that should become necessary. The organizers will ensure availability of ambulance service and hospital information.



## WEATHER

Lucknow has a humid subtropical climate. The winter season starts from November and extends upto end of February. This is followed by the summer season which lasts till about June, when monsoon arrives over the region. The temperatures in Lucknow in February are comfortable with low of 15°C (59°F) and high up to 28°C (82°F).



## PHONE CONNECTIVITY

India is well connected with phone operators providing 4G and 5G Networks. The country code for India is +91 followed by 10 digit mobile number. Local SIM cards is easily available at all Airports and cities. For Landline: International access code (+91) followed by STD code (522) and then the landline number.



## POWER SUPPLY

Standard voltage is 220–240 volts, 50Hz. Most hotels are equipped with transformers for 110–120 volts, 60Hz, round pin sockets only. Some hotels may provide adaptors for 110 Volts appliances on request, however it is advisable to carry universal adaptors.



## TIME ZONE

India operates to a single time zone referred to as Indian Standard Time (IST), which is 5 Hours 30 Minutes ahead of the Greenwich Mean Time (GMT + 05:30)



## CURRENCY

*The currency in Indian Rupee (represented as ₹ or INR). Currency notes come in denominations of 10, 20, 50, 100, 200 and 500. The Currency may be exchanged at the airport on arrival. Most bank ATMs honor Visa, Visa Electron, Master and Maestro Cards. ATM's will also be available at the conference venue. Most hotels, shops and other establishments accept credit cards. Master and VISA cards are accepted at almost all such establishments whereas some of them accepts Diner and American Express cards as well.*



# Field trips





A diverse array of field trips is being organised within India for delegates and accompanying persons. Field trips will run both prior to and after the XXII INQUA Congress. There will also be various one-day Mid-Congress trips on 31st January 2027, both in Lucknow and its surroundings. For all the field trips, dedicated field guides/ Volunteers (master students/ Ph.D. students) will be available to accompany the registered participants.

Field trip registration opens on 25 March 2026. Details of the field trips being planned will be available on the website soon along with the costs. The deadline for field trip registration is 25 July 2026

## Pre-Congress Field Trips

20-27 January 2027

Between 20-27 January 2027, duration of the individual field trips varies from 3-6 days. On 27th January 2027 all the pre-Congress trips participants will reach Lucknow for the ice breaker. More field trip shall be announced later

### INPRE - 01

#### Uncovering Past Landscapes: Quaternary Geology and Geoarchaeology of the Kachchh Basin

**No. of Days: 5**

**Tentative Price/cost per person: €850**

Principal Investigator: Gaurav D. Chauhan

Co-Principal Investigator: Subhash Bhandari

Contact: gdc.dew@gmail.com

This field program explores the Quaternary geology of the Kachchh Basin, a region that records a dynamic history of climatic shifts, sea-level changes, and tectonic movements. The area hosts a variety of landforms; fluvial, coastal, and aeolian, that offer crucial insights into past environmental conditions. Participants will visit key geological features, including active fault zones, coastal terraces, and palaeo-tsunami deposits, to understand the interplay between tectonics and sedimentation. A central focus is the Harappan site of Dholavira, where the impact of environmental change on ancient civilizations will be seen.



### INPRE - 02

#### Tracing the Footsteps: Late Quaternary Geomorphology and Geoarchaeology Unveiling Human Migration Patterns into Asia

**No. of Days: 5**

**Tentative Price/cost per person: €400**

Principal Investigator: Hema Achyuthan

Co-Principal Investigator: Sudesh Kumar Wadhawan

Contact: hachyuthan0@gmail.com

This field excursion emphasizes the interplay between climate, landscape, and human history in a desert environment. It explores the eastern margin of the Thar Desert, a key corridor for human migration during the Late Quaternary. The region's landscape holds vital clues to past climate shifts, river system changes, and early human settlement. Participants will explore sedimentary sequences, ancient dunes, paleosols, and former lake beds to reconstruct past environments and understand how early humans adapted to changing conditions.



## The Lost Landscapes: Fluvial Past and Human Histories in the Indian Desert

**No. of Days: 5**

**Tentative Price/cost per person: €850**

Principal Investigator: Jeewan Singh Kharakwal

Co-Principal Investigator: Ravindra Devra

Contact : jskharakwal66@gmail.com



This field visit offers a unique opportunity to explore how rivers and shifting landscapes influenced early human settlement in the arid Indian Desert during the Middle to Late Quaternary period. By examining ancient riverbeds (palaeochannels) and sediment layers. The field journey also includes a visit to a historic city, where centuries-old traditions of trade, crafts, and architecture reflect human resilience in the face of environmental challenges. In addition, we will observe modern-day sand dunes and wind-driven processes that continue to reshape the desert landscape. This field study brings together past and present to highlight the enduring relationship between people and their environment in one of the most extreme climates on Earth.

## Unveiling Seismic Histories of the Nahan Salient, Outer Himalayas

**No. of Days: 5**

**Tentative Price/cost per person: €350**

Principal Investigator: Tejpal Singh

Co-Principal Investigator: C. P Rajendran

Contact: tejpal@csio.res.in



This field trip focuses on the Nahan Salient, a prominent tectonic feature in the Outer Himalayas, known for its complex deformation and paleoseismic significance. Participants will explore the landscape's response to active tectonics and past earthquakes through trench studies, geomorphic features, and remote sensing data to understand active fault systems, thrust belts, and shallow subsurface profiles.

## Understanding Sedimentary Environments of Majuli Island, Northeast India

**No. of Days: 5**

**Tentative Price/cost per person: €650**

Principal Investigator: Manasi Debnath

Co-Principal Investigator: Bikash Gogoi

Contact: manasi.jnu2012@gmail.com



This field study offers an in-depth exploration of Majuli Island, the world's largest inhabited river island, nestled within the ever-shifting Brahmaputra River system in Assam, renowned for its ecological richness and cultural heritage. The field excursion will focus on understanding the island's sedimentary environments, with particular attention to erosion patterns, depositional processes, and neotectonic influences. Participants will examine how river dynamics and tectonic activity shape the landscape, and how anthropogenic factors such as embankments and land use modifications contribute to its ongoing transformation. This immersive field experience combines hands-on observations with discussions on the island's past, present, and future in the face of environmental challenges.



## Exploring the Geo-heritage, Geo-archaeological and Cultural Marvels in Middle Ganga Plain (Ganga, Varanasi, Mirzapur and Sarnath)

**No. of Days: 4**

**Tentative Price/cost per person: €850**

Principal Investigator: Vinay Kumar  
Co-Principal Investigator: Trina Bose  
Contact: vinaykumar166@yahoo.com

This field trip will delve into the rich geo-heritage and cultural history of the Middle Ganga Plain, focusing on its geological, archaeological, and cultural significance. The area is renowned for its alluvial formations and historical sites that have been pivotal to the development of early agricultural and urban life in India. The trip will cover significant archaeological sites like Sarnath and the recent excavations in Mirzapur, offering insights into the interactions between human civilization and environmental changes through the ages.



## INPRE - 07

### Lacustrine wonders: Discovering the Ecosystem and Geological Significance of Chilika Lagoon

**No. of Days: 5**

**Tentative Price/cost per person: €1075**

Principal Investigator: Raj Kumar Singh  
Co-Principal Investigator: Pitambar Pati  
Contact: rksingh@iitbbs.ac.in

This field trip explores Chilika Lake, Asia's largest brackish water lagoon, focusing on its geological, ecological, and climatic significance. Located along the Odisha coast, Chilika presents an exceptional natural setting to explore the interplay between geomorphology, climate, and human activity. Chilika is a dynamic ecosystem influenced by riverine and marine processes, with ongoing changes in sediment deposition and water salinity. Participants will explore features such as barrier ridges, estuarine channels, and paleo-sedimentary deposits. The lagoon's diverse salinity zones and sediment regimes also offer critical insights into coastal dynamics and the growing influence of anthropogenic pressures.



## INPRE - 08

### Humans, landscapes and animals of Narmada Valley: One million years of paleoanthropology in central India

**No. of Days: 6**

**Tentative Price/cost per person: €900**

Principal Investigator: Parth R. Chauhan  
Co-Principal Investigator: Prabhin Sukumaran  
Contact: parthrc@iisermohali.ac.in

This trip will address the following topics and issues related to Quaternary of central India: Can patterns of vertebrate paleontology and taphonomy inform methods for recovery of hominin fossils? Can some of the regional Quaternary deposits be attributed to aeolian processes? What multidisciplinary methods can be used to document, collect and archive specific Quaternary deposits that are important, rare and at risk? Should in situ replicas be used to represent fossil or stone tool occurrences for educational purposes and geoheritage tourism? Participants will visit carefully selected Quaternary sites including important geological sections, a fossil hominin site, vertebrate fossil occurrences, stone tool occurrences and painted rock shelters to discuss geological contexts, interpretations and approaches for various scientific analyses including geochronological studies and other Quaternary methods.



## Journey to the Paleolithic: Exploring the Araku Valley and Borra Caves, Andhra Pradesh

Principal Investigator: Naveen Gandhi  
Co-Principal Investigator: Rajani Panchang  
Contact: naveen@tropmet.res.in



**No. of Days: 3**

**Tentative Price/cost per person: €720**

This immersive field trip takes participants deep into the geological and archaeological landscapes of the Araku Valley and Borra Caves, two of Andhra Pradesh's most significant natural heritage sites. The Borra Caves, among India's deepest karst systems, feature spectacular speleothem formations that preserve detailed records of paleoclimatic changes over millennia. The field study focuses on Quaternary landscape evolution, examining sedimentary records, karst topography, and the remains of early human occupation. The region offers a rare chance to study Paleolithic stone tools, ancient settlement patterns, and how prehistoric communities adapted to shifting environmental conditions.

## Signatures of 2004 Sumatra-Andaman and past-transoceanic tsunamis and mega-subduction Zone Earthquakes from Andaman Island

**No. of Days: 6**

**Tentative Price/cost per person: €1550**

Principal Investigator: Javed N. Malik  
Co-Principal Investigator: Mahendrasinh S. Gadhavi  
Contact: javed@iitk.ac.in



The field excursion focuses on understanding the geological and tectonic dynamics of the Andaman and Nicobar Islands, which lie along the seismically active Sumatra Andaman subduction zone. The trip will cover key locations such as Siri Vijaya Puram (Port Blair), Mithakhadi, Collinpur, and Shaheed Dweep (Neil Island)—sites that display clear signatures of coseismic uplift and subsidence caused by the recent 2004 and past seismic events. The excursion shall showcase near shore shallow coastal stratigraphy, marine terraces, and other geomorphic features to interpret the history of the past earthquakes and tsunamis, including those related to the 2004 Sumatra-Andaman earthquake. The presence of beachridge-swale, sea notches, dead forests, and tsunami deposits will help understanding land level changes and tsunami impacts in the region.





# Post-Congress Field Trips

4-9 February 2027

\*duration of the individual field trips may vary from 3-6 days. Please note that the pricing mentioned is tentative and applicable per person. It may vary slightly based on prevailing conditions and availability. Final details will be updated on the website closer to the conference date.

## INPOST - 01

### Lithics and Landscapes: Hominins & Habitats in South India

**No. of Days: 8**

**Tentative Price/cost per person: €1500**

Principal Investigator: Linto Alappat,  
Co-Principal Investigator: Kumar Akhilesh  
Contact: alappatlinto@christcollegeijk.edu.in



This field trip explores one of India's most archaeologically rich and geologically dynamic regions, the southeast coast of Tamil Nadu. Starting at the renowned Lower Palaeolithic site of Attirampakkam (~1.5 Ma), participants will explore a sequence of hominin occupations spanning the Middle and Late Palaeolithic to the early Holocene. These sites provide key evidence for early human dispersals, adaptation strategies, and palaeoenvironmental changes in South Asia. The field journey traverses fluvial, colluvial, and aeolian landscapes, culminating in the striking Teri red dunes, known for their microlithic assemblages and links to Sri Lankan geoarchaeology. It will also include visits to museums offering a broader understanding of cultural transitions.

## INPOST - 02

### Nature's Wonders and Ancient Mysteries: Lonar, Ajanta-Ellora, Maharashtra

**No. of Days: 4**

**Tentative Price/cost per person: €1075**

Principal Investigator: Mohammad Arif  
Co-Principal Investigator: Amar Agarwal  
Contact: mdarifkrl@gmail.com



The field trip to Lonar Crater and the Ajanta-Ellora caves combines geological, paleoclimatic, and archaeological studies in Maharashtra. Lonar Crater, a unique meteorite impact site, provides insights into planetary geology and cratering processes that are analogous to extraterrestrial impacts. The Ajanta and Ellora caves, renowned for their ancient rock-cut architecture and murals, offer a window into historical human artistry and cultural evolution. This excursion aims to provide a holistic view of natural wonders and human heritage, highlighting the interplay between Earth's geological history and human creativity.

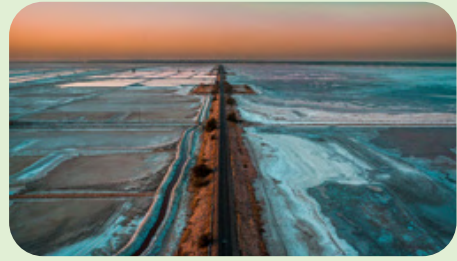
## Exploring the Geological Wonders: Quaternary Depressions and the Saraswati Corridor Expedition, Rajasthan

**No. of Days: 4**

**Tentative Price/cost per person: €300**

Principal Investigator: Bharti Sharma  
Co-Principal Investigator: R.P. Singh  
Contact: info@aadyageoscience.com

This field excursion explores the Quaternary geological landscapes of Northwest India, with a focus on salt lakes (Sambhar, Didwana, Lunkaransar) and the palaeochannel of the Saraswati River. Participants will also explore saline lake systems and their relevance to paleoclimate, planetary science and human settlement patterns. The trip includes a visit to Kalibangan, a key Harappan site, to understand the civilization–river relationship. Emphasis will be placed on tectonic and climatic influences that reshaped the region's river systems.



## INPOST - 04

## Late Quaternary Continental Sequences in the Semi-Arid Alluvial Plains of Gujarat, Western India

**No. of Days: 5**

**Tentative Price/cost per person: €2000**

Principal Investigator: D.M. Maurya  
Co-Principal Investigator: Alpa Sridhar  
Contact: dmmaurya@yahoo.com

This field excursion explores the semi-arid alluvial plains of Gujarat, focusing on the Late Quaternary stratigraphic record to understand climatic variability and tectonic activity in Western India. The region serves as an excellent natural archive for investigating earth surface processes, environmental changes, and landscape evolution over the past 2.58 million years. Participants will engage with key sites that exhibit signatures of past climate perturbations and tectonic reactivations, gaining insight into their relevance to current environmental challenges and human sustainability.



## INPOST - 05

## Signatures of glacier response to late Quaternary climate variability in the western Himalaya

**No. of Days: 7**

**Tentative Price/cost per person: €500**

Principal Investigator: Milap C. Sharma  
Co-Principal Investigator: Sheikh Nawaz Ali  
Contact: milap@jnu.ac.in

This field trip explores the Chandra Valley in the Western Himalayas, a key region for understanding Late Quaternary glacial dynamics. The excursion will examine glacial and glacio-fluvial landforms, focusing on their relation to Indian Summer Monsoon (ISM) and mid-latitude westerlies (MLW) influences. Particular emphasis will be placed on Holocene and Last Glacial Maximum (LGM) glacial extents, addressing ongoing debates about the presence of a hypothesized LGM mega-glacier. In case of weather constraints (e.g., Atal Tunnel closure due to snowfall), an alternate route will guide participants to the Kangra Valley, where ancient glacial erratics dated between 215 ka and 43 ka provide additional context for long-term glacial history.





## Karewas of Kashmir — Decoding Quaternary Climate Archives of the Western Himalaya

**No. of Days: 7**

**Tentative Price/cost per person: €1250**

Principal Investigator: Rayees Ahmad Shah  
Co-Principal Investigator: Irfan Maqbool Bhat  
Contact: shahrayees04@gmail.com

This field trip explores the Karewa formations of the Kashmir Valley, a thick sequences of fluvio-lacustrine and glaciofluvial sediments that chronicle over 2.5 million years of Quaternary climate change, tectonics, and human occupation. Participants shall visit the fossil-rich sections, loess-paleosol sequences, and neotectonic features across multiple sites including Hirpur, Pakharpora, Shankarpora, and Palar. Visit to Burzahom, a Neolithic site of archaeological importance is also included in this field trip.



## Late Quaternary development of the intermontane valley landforms of Pinjaur dun, NW Himalayas

**No. of Days: 4**

**Tentative Price/cost per person: €600**

Principal Investigator: Vimal Singh  
Co-Principal Investigator: Ananya Divyadarshini  
Contact: vimalgeo@gmail.com

The field trip explores the Late Quaternary development of the Pinjaur Dun, an intermontane valley in the NW Himalayas. This valley, situated at the transition between the Kangra recess and the Nahan salient, features at least five levels of surfaces developed during the middle to late Pleistocene. The trip aims to observe the co-evolution of structures and landforms impacted by climate during the late Pleistocene. Participants will explore the evolution of Siwalik hills, which influence the local drainage patterns and sediment dynamics in the valley.



## Late Quaternary sedimentation pattern in the Alaknanda valley: climate-tectonic interaction

**No. of Days: 5**

**Tentative Price/cost per person: €570**

Principal Investigator: Anil Kumar  
Co-Principal Investigator: Yogesh Ray  
Contact: anilwihg@gmail.com

The field trip explores the Late Quaternary sedimentation patterns in the Alaknanda Valley to understand climate-tectonic interactions. This region is sensitive to tectonic forces and climatic variability, which have significantly influenced river aggradation and incision processes. The trip aims to examine geological features that reflect these dynamics, including terraces and paleoflood records, providing insights into past hydrological events and landscape formations shaped by extreme weather patterns and tectonic activities.



### Paleo-earthquake Signatures – Active Fault Topography from NW Himalaya: A Field Excursion in the Mesoseismal Zone of 1905 Kangra earthquake – Mw7.8, NW Himalaya.

**No. of Days: 6**

**Tentative Price/cost per person: €1020**

Principal Investigator: Javed N. Malik

Co-Principal Investigator: Saptarshi Dey

Contact: javed@iitk.ac.in



*The excursion is aimed to showcase the exceptionally beautiful landscape and hazard potential of the mighty Himalaya. The journey begins from the Indian Plate (Indo-Gangetic Plain) climbing up to the Eurasian Plate – after seeing the present plate boundary of one of the most seismically active zones of the world – The Himalaya. The field excursion shall explore the active fault topography along the frontal as well as hinterland active faults – the Himalayan Frontal Thrust, Pinjore Garden Fault, the Khetpurali-Taksal Fault, and the Kangra Valley Fault. Paleoseismic trench would be one of the attractions to see the signature of the paleo-earthquake, along with a visit to look at the seismic imprints preserved in historical architecture of the Baijnath Temple and the Kangra Fort.*

## INPOST - 10

### Exploring the Geoheritage and Paleoclimate Archives of Meghalaya

**No. of Days: 5**

**Tentative Price/cost per person: €600**

Principal Investigator: Atul Kumar Singh

Co-Principal Investigator: Devesh Walia

Contact: aksingh21sep@gmail.com



This immersive field trip explores the geological, climatic, and cultural richness of Meghalaya, with a special focus on the Mawmluh Cave, India's only Quaternary Global Boundary Stratotype Section and Point (GSSP). This site marks a major global climatic shift around 4,200 years ago, making it a crucial archive for paleoclimatic and monsoon variability studies. The trip also explores the Shillong Plateau, a tectonically active block offering insights into crustal deformation, uplift processes, and the influence of structures like the Dawki Fault on river systems such as the Brahmaputra. Beyond geology, the region's caves, landscapes, and archaeological sites provide evidence of prehistoric habitation, megalithic cultures, and indigenous knowledge systems. Participants will also witness living root bridges, remarkable examples of bio-engineering by the Khasi and Jaintia communities, which represent a sustainable symbiosis between human ingenuity and natural resources.

## INPOST - 11

### Quaternary Signatures of Great Earthquakes in the Frontal Darjeeling Himalaya, West Bengal

**No. of Days: 3**

**Tentative Price/cost per person: €600**

Principal Investigator: Vinee Srivastava

Co-Principal Investigator: Kumar Gaurav

Contact: vinee@iiserb.ac.in



This field trip focuses on the tectonic and geomorphic imprints of great Himalayan earthquakes (Mw 8) in the frontal Darjeeling Himalaya, offering participants firsthand exposure to one of the most seismically sensitive zones in India. Traversing from the Himalayan mountain front up to 75 km into the interior, the excursion will examine deformed Quaternary terraces, alluvial fans, and fault zones linked to major thrust systems such as the Main Frontal Thrust, Main Boundary Thrust, and Ramgarh Thrust. Through the lens of tectonic geomorphology and landscape evolution, this journey showcases both in-sequence and out-of-sequence deformation, preserved along a segmented arc of the Eastern Himalaya. Participants will explore how these neotectonic features serve as archives of past seismicity, and their implications for modern infrastructure and population centers vulnerable to future seismic events.



### Paleo-earthquake Evidence from the Himalayan Foothills, Upper Assam, NE India

**No. of Days: 4**

**Tentative Price/cost per person: €500**

Principal Investigator: Priyanka Singh Rao

Co-Principal Investigator: R. Jayangondaperumal

Contact: raopriyankasingh@gmail.com



This field excursion focuses on the Himalayan Frontal Thrust in Upper Assam, a critical region for understanding seismic hazards in the eastern Himalayan arc. The trip will explore the Kalabil fault scarp, a remarkable ~2 km long and 10–15 m high E–W trending surface rupture, an evidence of significant past seismic activity. Participants will visit trench sites across this scarp to investigate the timing and extent of past earthquakes, particularly assessing overlap between the 1697 CE Hemi–Basti and 1714 CE Bhutan earthquakes. These events are believed to be segmented by the transverse Kopili Fault, which may play a crucial role in arresting or transmitting rupture propagation. The excursion aims to clarify earthquake recurrence patterns, rupture segmentation, and paleoseismic records critical for reassessing seismic risk in the Assam segment of the Himalayan plate boundary.

### Mangrove response to climate and sea-level changes: Palaeoecological insights from the Sundarbans Biosphere Reserve, India

**No. of Days: 4**

**Tentative Price/cost per person: €400**

Principal Investigator: Shilpa Pandey

Co-Principal Investigator: Abhijit Mitra

Contact: shilpa.pandey@bsip.res.in



This field trip to the Sundarbans Biosphere Reserve, the world's largest mangrove ecosystem, will showcase the mangrove communities' response to past climate fluctuations and sea-level changes. The Sundarbans, a UNESCO World Heritage site, offers a dynamic setting to explore long-term ecosystem responses to environmental stressors. Participants will investigate Holocene sea-level changes, salinity variations, and mangrove succession patterns, enhancing our understanding of coastal resilience, carbon sequestration, and ecosystem transformation under changing climates. The excursion also provides a unique opportunity to assess human–mangrove interactions and their imprint on the landscape.

### Quaternary Archives: Exploring Environmental Change in the Western Bengal Basin

**No. of Days: 4**

**Tentative Price/cost per person: €500**

Principal Investigator: Sujay Bandyopadhyay

Co-Principal Investigator: Rajesh Joshi

Contact: sujay.bandyopadhyay@eknu.ac.in



*This field trip will examine the Quaternary sedimentation patterns in the Bengal Basin to understand the interplay between river dynamics and climate change. The study focuses on the lithology and stratigraphy of the western and southwestern parts of the basin. The trip aims to provide new insights into the fluvial dynamics, sediment transport processes, and their implications for hydrological studies and flood hazard assessments in the region.*

### Late Quaternary landscape evolution in the Southern Ganga Plain, India: implication for paleoclimate and forebulge tectonics

**No. of Days: 2**

**Tentative Price/cost per person: €250**

Principal Investigator: U. K Shukla

Co-Principal Investigator: Anupam Sharma

Contact: ukshukla1965@gmail.com

This field trip will examine the Late Quaternary landscape evolution in the Southern Ganga Plain to decipher its implications for paleoclimate and forebulge tectonics. The trip focuses on the sedimentological, stratigraphic, and geomorphological records that document the interactions between tectonic uplift and climatic changes. Through detailed field examinations and discussions, the trip will provide insights into the sedimentary processes and paleoenvironmental changes that have shaped this region, highlighting the complex interplay between tectonics and climate.



### Unveiling the Geomorphological Evolution Mysteries of the Yamuna-Chambal Badlands: An Exploration of Quaternary Landscapes

**No. of Days: 3**

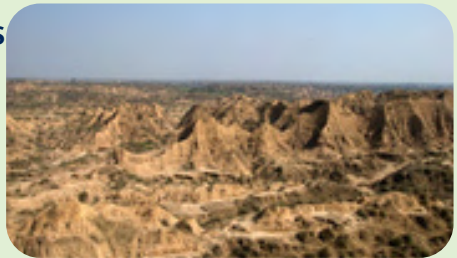
**Tentative Price/cost per person: €400**

Principal Investigator: Padmini Pani

Co-Principal Investigator: S.N. Mohapatra

Contact: padminipani.jnu@gmail.com

This field trip examines the geomorphological evolution of the Yamuna-Chambal Badlands, a region characterized by severe erosion and gully formation. The study focuses on understanding the complex biophysical processes driving erosion and the impact of human activities on these landscapes. The trip aims to provide insights into the past and present geomorphic processes shaping this unique landscape, exploring the implications for land management and conservation strategies.



### Bhimbetka Rock Shelters: Tracing the Footsteps of Early Peopling of South Asia

**No. of Days: 3**

**Tentative Price/cost per person: €400**

Principal Investigator: Niraj Rai

Co-Principal Investigator: Ravi Korisettar

Contact: nirajrai@bsip.res.in

This field trip offers an immersive exploration of the Bhimbetka Rock Shelters, a UNESCO World Heritage Site and one of South Asia's most iconic prehistoric archaeological landscapes. Located in the Vindhya foothills of Madhya Pradesh, Bhimbetka hosts over 750 rock shelters spread across seven hills, some of which display rock art dating back ~30,000 years. The site provides an exceptional record of early human habitation, with artifacts and skeletal remains from the Upper Paleolithic to Mesolithic periods (15,000–6,000 BCE). Participants will explore the geological and archaeological context of the shelters, observe prehistoric cave paintings, and discuss the implications of Bhimbetka in understanding early human migration, symbolic expression, and the cultural evolution of South Asia's earliest inhabitants.





# Mid Congress Field Trips

Code	Field Trip	Tentative Pricing (Monuments, museum fee etc. not included)
INMID 01	The Timeless Majesty of Agra – Taj Mahal and Agra Fort	€100
INMID 02	Varanasi – The Sacred City on the Banks of the Ganges with unique fluvial and Architectural ambience	€100
INMID 03	Cultural and Architectural Significance of Sacred Sites in Ayodhya: A Historical and Religious Perspective	€100
INMID 04	Archaeological Insights into Hulas Khera: Cultural Evolution from the Pre-NBPW to Medieval Periods	€50
INMID 05	Geological and Cultural Significance of Chandrika Devi Temple in the Indo-Gangetic Basin	€40
INMID 06	Geomorphological and Historical Perspectives on the Loni Nadi and Dilkusha Kothi in the Central Ganges Plain	€40
INMID 07	Architectural and Geomorphological Significance of <i>Shaan-e-Awadh</i> : Imambara, Bhulbhuliya, and Tilewali Masjid on the T2 Surface of Lucknow	€40
INMID 08	Cultural and Archaeological Heritage of the State Museum, Lucknow, and the Historical Significance of Musa Bagh	€40
INMID 09	Avian Diversity and Conservation Significance of Shahid Chandra Shekhar Azad Bird Sanctuary (earlier Nawabganj bird sanctuary), Uttar Pradesh	€50





Code	Field Trip	Tentative Pricing (Monuments, museum fee etc. not included)
INMID 10	Archaeological Heritage of Jajmau and Fluvial Geomorphology of the Ganges at Bithoor, Uttar Pradesh	€75
INMID 11	Lithostratigraphy and Paleoenvironmental structure of the Kalpi Cliff Section along the Yamuna River	€75
INMID 12	Ecological Conservation at Kukrail Reserve Forest and Scientific Advancements at CIMAP, Lucknow	€40
INMID 13	Biodiversity and Conservation Significance of Nawab Wajid Ali Shah Prani Udyan, Lucknow (Lucknow Zoo and its museum)	€40
INMID 14	Architectural and Urban Development Perspectives on Ambedkar Memorial Park and Gomti Riverfront, Lucknow	€40
INMID 15	Geographical, Architectural, and Historical Significance of NBRI Botanical Garden, Chattar Manzil, and the Residency in Lucknow	€40
INMID 16	Tectonic Influence, Fluvial Geomorphology, and Prehistoric Settlements in the Belan River Basin, Marginal Gangetic Plain	€75
INMID 17	Ajaypur Lake: A Fluvial Relic of the Ganga Plain and Its Geomorphological Evolution	€75
INMID 18	Naimisharanya: A Sacred Pilgrimage Site and Mythological Landscape in the Central Ganga Plain	€75
INMID 19	Harmony Park: a musical park of Lucknow	€40





# Exhibition

With the expectation of attracting more than 3,000 scientific participants, the XXII INQUA Congress offers a unique opportunity for promotion by geoscience vendors such as instrument manufacturers, specialty retailers and publishers as well as other service providers, societies and NGOs. We welcome businesses and employers who wish to attract talented future employees, and professionals who want to engage with future collaborators. Exhibitors are invited to participate in the Congress and will receive headline status on all Congress marketing materials, all press releases and media coverage, and promotion at the time of the event. All sponsors and exhibitors will be acknowledged on the Congress website, in the promotional materials and onsite at the Congress venue. We will support our sponsors to ensure they receive maximum return on their investment and receive exposure about which we agree. The XXII INQUA Congress offers different sponsorship levels. Stalls will be available in the sizes of 10 sqm (600 €) , 20 sqm (720 €) and 30 sqm (900 €).



# Sponsorship

The Department of Science and Technology (DST), New Delhi, and the Ministry of Earth Sciences (MoES) have extended substantial support for the Congress. However, to ensure the success of this significant academic gathering, we seek additional sponsorship from esteemed organizations that are involved in Earth Science Research & Development; Oil Industry; Groundwater; Hydropower, Infrastructure, Instrumentation, publication and likes. The sponsorship received will contribute to fostering scientific collaboration, facilitating young researchers' participation, and promoting innovative research in Earth Sciences.

Sponsoring institutions can use this global event, which is expected to be attended by +3000 participants representing +50 nations, and avail branding opportunities, speaking engagements, training workshops and networking benefits in return.

There are four categories of sponsorships:

## **Bronze:**

Sponsorship 10550 € and more. Sponsors in this category will be given free registration of delegation consisting of one member and can display posters and standees at designated places of in the Congress venue. Delegation will be invited to the Congress Dinner.

## **Silver:**

Sponsorship fee of 27000 €. Sponsors in this category will be given free registration of delegation consisting of two members and can display posters and standees at designated places in the Congress venue. A 9 Sqm will be provided. Delegation will be invited to Congress Dinner.

## **Gold:**

Sponsorship 53000 € and more. Sponsors in this category will be given free registration of delegation consisting of four members and can display posters and standees at designated places in the Congress venue. Additionally, a stall 15 Sqm will be allotted to them for deeper interactions and displays in the expo area. Delegation will be invited to the Congress Dinner.

## **Platinum:**

Minimum sponsorship is 106,000 € and higher. Sponsors in this category will be given free registration of their delegation, consisting of six members and can display posters and standees at designated places in the Congress venue. Additionally, a stall size 20 Sqm will be allotted to them for deeper interactions and displays in the expo area. Representatives of the sponsor will be part of the National Advisory Board. Delegation will be invited to the Congress Dinner.





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*Welcome to India*

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