

# 2<sup>nd</sup> Indian Quaternary Congress

**IQC-2024**

**VENUE: IISER MOHALI  
3-5 JUNE 2024**

*Hosted by  
Association of Quaternary Researchers (AOQR)*



## **FOCAL THEME**

**Quaternary Sciences  
for A Sustainable  
Future Earth (Q-SAFE)**

# About IQC

IQC is structured as a biennial gathering organized by AOQR and scheduled to be hosted every second year starting from 2022. The venue/host for the congress moves across India and will be overseen by AOQR on a successful bidding basis. This three-day congress encompasses a comprehensive program, including conferences, business meetings, exhibitions, and training sessions. IQC-2024, the second edition of this initiative, extends a warm invitation to the Quaternary community, encouraging active participation in this enriching three-day conference at Indian Institute of Science Education and Research Mohali during 3-5 June 2024.

The academicians/ researchers working on all aspects of Quaternary Science are welcome to (i) discuss the challenges and outcomes associated with Quaternary climatic study, (ii) promote the application of the interdisciplinary approaches in Quaternary Science, and (iii) discuss the interface of human and societal evolution and climate variability vis-à-vis landscape evolution over the Indian subcontinent. The congress will include plenary talks, invited talks, and participant presentations. Each session will have a dedicated slot for rapid talks, especially aimed at research scholars and post-graduate students. The congress will encompass all Quaternary aspects from the terrestrial and marine domains. We invite contributions under the following major and minor themes.

## MAJOR THEMES (Minor theme)

### THEME 1: TERRESTRIAL PROCESSES THROUGH QUATERNARY

- 1.1. Terrestrial biotic changes
- 1.2. Hydro-Meteorological changes
- 1.3. High Resolution Palaeo-proxy ensemble  
(Lake sediments, Varves, Speleothems, Tree-rings)
- 1.4. Chronology, styles and dynamics of Quaternary volcanic eruptions

### THEME 2: OCEANIC REALMS IN QUATERNARY

- 2.1. Ocean Monitoring and Proxy Calibration
- 2.2. Paleo-oceanography and Sea-level Changes
- 2.3. Near-shore Processes and Estuaries and Mangrove Ecosystem

### THEME 3: HUMAN – CLIMATE INTERACTION

- 3.1. Evidences and Societal attributes of humans through Quaternary
- 3.2. Anthropological Impact and its Attributes in Modern Times
- 3.3. Geoarcheology, Archaeological finds & Human History
- 3.4. Climate-Human-Fire relationships during Quaternary

### THEME 4: HIGH ALTITUDINAL ZONE IN QUATERNARY (THIRD POLE)

- 4.1. Geodynamics and Landscape evolution of Himalaya in Quaternary
- 4.2. Glacial processes: past and present
- 4.3. Natural Hazards (earthquakes, landslides) and extreme hydrological events: past and present

# IQC-2024

# Patrons

Secretary, Department of Science  
and Technology, New Delhi  
Secretary, Ministry of Earth Sciences,  
New Delhi  
President, Indian National Science  
Academy, New Delhi  
Director, Birbal Sahni Institute of  
Palaeosciences, Lucknow  
President, Association of Quaternary  
Researchers  
Chair, INSA-IUGS-INQUA  
Director, Indian Institute of Science  
Education and Research Mohali

# Convener

Dr. Anoop Ambili, IISER Mohali

# Organizing Committee

Dr. Binita Phartiyal, BSIP, Lucknow  
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# Account Details

Name: IISER MOHALI Conference Account

Account No.: 4790101002303

IFS Code: CNRB0004790

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## THEME 5: INDIAN SUBCONTINENT –LAST TWO THOUSAND YEARS

- 5.1. Comparison of Paleoclimate Modeling simulations and Proxy data
- 5.2. Development and refinement of proxy-climate indicators
- 5.3. Unravelling Climate change and Environmental Contamination in the Anthropocene
- 5.4. Policy making-Societal impact

## Registration fee

AOQR members	INR
Academic- Students	1000.00
Academic - Professional	2000.00
Industry/Commercial	5000.00

Non- AOQR members	INR
Academic- Students	2000.00
Academic - Professional	5000.00
Industry/Commercial	7000.00

All registered participants will have access to the full abstract volume, session proceedings and a conference souvenir. The proceedings will be published in SCI Quaternary speciality journal. The name of the journal will soon be finalized.

## Important Dates:

Registration Opens	15 January 2024
Abstract Submission Opens	15 January 2024
Abstract Submission Closes	1 March 2024
Abstract Acceptance	15 March 2024
Registration Closes	31 March 2024
Decision about the Mode of Presentation	1 April 2024

## Registration link and queries

REGISTRATION FORM: <https://forms.gle/vxHM62c1tz3ZhHGx7>

SUBMIT ABSTRACT: <https://forms.gle/EF4UbeqQHh4yvvq6j6>

CONTACT US: [iqc2024.aoqr@gmail.com](mailto:iqc2024.aoqr@gmail.com)