



ARC-15 of IAEG

The 15th Asian Regional Conference of IAEG

Geological Engineering for Societal and Sustainable Development



Jointly organized by Nepal and Bangladesh



Second Circular



27-29 November, 2025

Kathmandu, Nepal

<https://arc15.nseg.org.np/>

Organizers:



Co-organizers:



Sponsors:



Nepal Society of Engineering Geology (NSEG)

IAEG Bangladesh National Group (IBNG)



The ARC-15 of IAEG

The IAEG Bangladesh National Group (IBNG) and the Nepal Society of Engineering Geology (NSEG), along with partner organizations in Bangladesh, Japan, and Nepal, are organizing the 15th IAEG Asian Regional Conference (ARC-15) in Kathmandu, Nepal from November 27-29, 2025. This prestigious international conference series has been a crucial platform for advancing Engineering Geology in Asia. Over the years, geoscientists and engineers from around the world have contributed to and greatly benefited from the discussions at past IAEG Asian Regional Conferences. The upcoming event will be another key milestone in enhancing geoengineering knowledge and furthering the understanding of Engineering Geology in this region.

This will mark the third time Nepal is hosting an IAEG Asian Regional Conference, reaffirming its status as a favored destination for geoscientists and tourists alike. While ARC-15 was initially planned to be held in Dhaka, Bangladesh, the venue has now been shifted to Kathmandu, Nepal. The conference serves as a forum for geoscientists and engineers to engage in collegial discussions and share the latest research findings in the fields of Engineering Geology and related subjects. Both IBNG and NSEG have received an overwhelming response from the global geoscience community, and this event is poised to be another milestone in the history of ARC.

This first circular is being issued to provide important information about the conference. Pre-registration is now open through the official conference website (<https://arc15.nseg.org.np/>). Geoscientists and engineers working in geoengineering, geotechnics, geology, disaster risk management and engineering geology are kindly encouraged to submit their pre-registration forms along with their details before the stated deadline. Your cooperation will greatly assist the organizers in planning and executing this significant event successfully.



ARC-15 of IAEG

27-29 November, Kathmandu, Nepal

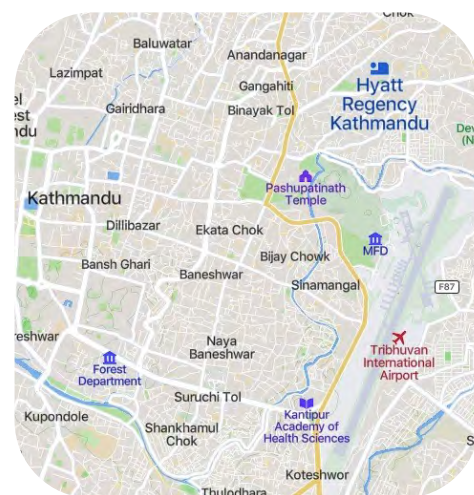


Conference Venue

The ARC-15 will take place at Hyatt Regency Hotel in Nepal's capital, Kathmandu, the largest city in the country, with an estimated population of around five million. Kathmandu, together with its neighboring cities Lalitpur and Bhaktapur, form the Kathmandu Valley. This valley, known for its historically significant cultural monuments and ethnic delicious cuisines draws millions of international and domestic tourists each year. It includes three major and two minor urban areas, along with several rural communities, housing nearly 20% of Nepal's population. Situated at an average altitude of 1,350 meters, the valley floor consists of ancient lake sediments, reaching depths of approximately 600 meters in certain areas. All key events for the ARC-15 will be hosted at Hyatt Regency Hotel, Bouddha, Kathmandu, with field excursions planned at various locations across Nepal.



World Heritage at Bhaktapur



Hyatt Regency, Bouddha, Kathmandu-The ARC-15 Venue, <https://www.hyatt.com/hyatt-regency/en-US/kathm-hyatt-regency-kathmandu>
Conference venue hotel agreed for special discount to the ARC-15 participants.

Visit: <https://arc15.nseg.org.np/hyatt>

Hotel Radisson situated at city centre area is also providing special discount for the participants of ARC-15.

Visit: <https://arc15.nseg.org.np/radisson>



HYATT REGENCY KATHMANDU



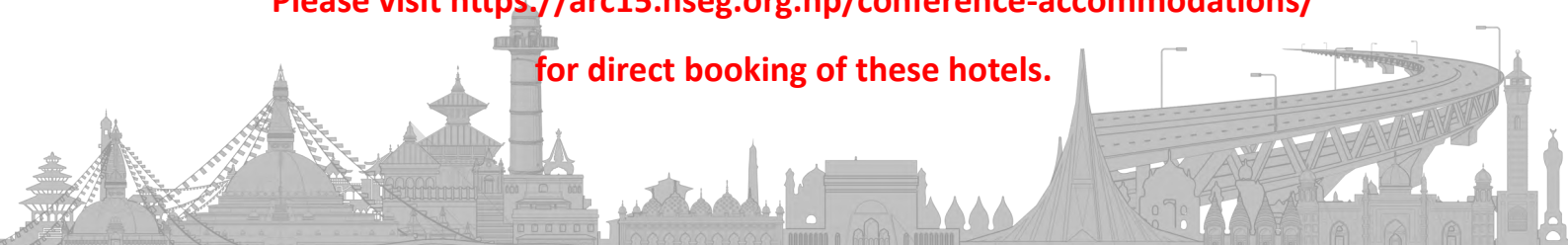
RADISSON HOTEL KATHMANDU



Special Arrangements for The 15th Asian Regional Conference (ARC-15) of IAEG



Please visit <https://arc15.nseg.org.np/conference-accommodations/>
for direct booking of these hotels.



Conference Format

Following the international conference formats, thematic oral and poster sessions have been planned within a single venue. Parallel sessions will be provided for various themes in order to provide all participants an opportunity to present their presentations. Besides, booths for exhibiting advanced technologies and R&D methodologies are highly encouraged inside the premises of the conference venue.

Important Dates

30 Oct. 2024	Conference 1st circular and pre-registration open
30 Jan. 2025	Conference 2nd circular and registration open with Extended Abstract (two pages) submission and payment of early bird registration fee
15 Jun. 2025	Conference early bird registration fee payment deadline
30 Aug. 2025	Conference 3rd circular
15 Oct. 2025	Conference 4th circular, deadline of conference regular fee
30 Oct. 2025	Final Extended Abstract (two pages) submission
15 Nov. 2025	Conference final circular
27 Nov. 2025	Conference on site registration and full payment of registration fee
31 Dec. 2025	Deadline of submission of Full Paper
31 Jul. 2026	Publication of Proceeding Volume as Vol. 3 (No. 1) of Asian Journal of Engineering Geology (www.ajeg.nseg.org.np)
31 Dec. 2026	Publication of Proceeding Volume as Vol. 3 (No. 2) of Asian Journal of Engineering Geology

Conference Program Plan

24-26 Nov. 2025	Pre-conference excursions, Trainings and Workshops both in Nepal
27 Nov. 2025 (Thu.)	Inaugural program followed by technical sessions and Welcome Reception Dinner
28 Nov. 2025 (Fri.)	Technical sessions, Evening IAEG YEG Party sponsored by NSEG for Young Engineering Geologists (YEG) members of IAEG
29 Nov. 2025 (Sat.)	Technical sessions and closing ceremony
30 Nov. - 2 Dec. 2025	Post-conference excursions both in Nepal and Bangladesh



Keynote Speakers



Dr. Vassilis P. Marinos

Advancements in Tunneling: The Role of Engineering Geology in Design and Construction Over the Last 30 Years



Prof. Dr. Shuichi Hasegawa

Significance of Dissected Deep-Seated Landside Topography and Hydrothermal Alteration in Active Mountain Belts



Dr. Ann Williams

Climate Change: Closing the Gap between Challenges Faced by “Developing” and “Developed” Countries



Prof. Dr. rer. nat. Muhammad Qumrul Hassan

Smart Water Management for Sustainable Development: Bridging Groundwater-Surface Water Dynamics Amid Climate Change



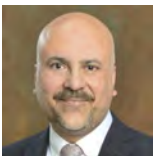
Professor Manchao He

Cross-Fault Newton Force Measurement for Earthquake Prediction



Prof. Dr. Christian Zangerl

Deep-Seated Rock Slides: Understanding Processes and Assessing Impacts on Settlements and Infrastructure



Dr. Shahid Azam

New Methods for Characterizing and Modeling the Engineering Behavior of Expansive Soils



Prof. Dr. Trilok Nath Singh

Rockfall Prediction and Prevention in High Hills of Deccan Trap



Dr. Shengwen Qi

Geological Environment and GeoDisasters in Qinghai–Xizang Plateau, China



Dr. Daniele Giordan

Glacier instabilities identification and monitoring: case studies in the Alps



Prof. Dr. Xuanmei Fan

The Paul Marinos Distinguished World Lecture

Keynote Speakers



Mr. Anil Pokhrel

A Multidisciplinary Approach to Disaster Risk Reduction in Nepal



Prof. Dr. Fawu Wang

Rapid and Long Runout Landslides Triggered by Different Liquefaction Mechanisms



Prof. Dr. Giovanna Vessia

Neo Deterministic Seismic Hazard Approach (NDSHA) for Seismic Response Analyses in urban areas. Case histories from Italian territory



Prof. Dr. Tümay Kadakci Koca

Erosion and Mass Wasting Processes in Post-Wildfire Mountainous Terrains: Impacts and Challenges



Dr. Scott Andersen

The evolution of remote sensing for the regional characterization of and response to geohazards and extreme events



Ms. Monika Jha

Role of DMG in Advancing Engineering Geological Sciences in Nepal

Invited Speakers



Dr. Mike Winter

Debris Flow Risk to Roads and Road Users



Dr. Ko-Fei Liu

Wave Dynamics and Geohazards Monitoring



Prof. Md. Bodruddoza Mia

Climate Related Drought Hazards in the Northeastern Bangladesh



Prof. Dr. Younus Ahmed Khan

Progressive failure analysis based on a method of non-vertical slices



Dr. Md. Shofiqul Islam

Tectonic Evolution and Seismic Hazards in Bangladesh: Insights from Geophysical and Geotechnical Studies

Invited Speakers



Dr. H M Sayem

Role of Suction in Unsaturated soils



Prof. Dr. Toru Terao

Asian Monsoon, Climate and Climate-Induced Hazards in the Asia and Pacific Region



Dr. Sultana Nasrin Nury

Quantitative Analysis for Greening as an option for Sustainable City



Dr. Mahmuda Khatun

Establishment of Rainfall Thresholds for Shallow Landslide in Rangamati Sadar, Bangladesh



Prof. Dr. Tomochika Tokunaga

Land subsidence and subsurface environmental changes in the Tokyo Metropolitan Area, and possible groundwater management for urban sustainability



Prof. Dr. Jia-Jyun Dong

Random field modeling of subsurface stratigraphic/ parameters and its applications: Using the Taipei Basin as an example



P.Geol Ts. Ir. Dr. Goh Thian Lai

An Analog Study for Fracture Basement in Malaysia: Photogrammetry Fracture Mapping



Dr. Abd Rasid Jaapar

An Emerging Roles of Engineering Geologists in Geotourism including Geopark and Geosite Development: Some Case Studies from Malaysia



Prof. Dr. Atsuko Nonomura

Communication and application of engineering geology for community based disaster preparedness



Dr. George Papathanassiou

Enhancing liquefaction hazard forecasting on regional scale

Conference Excursions

To provide a valuable opportunity particularly to all international participants, the conference has been planned to include pre and post field excursion programs in both Nepal and Bangladesh. These excursions are designed to offer hands-on experience and in-depth insights into the region's unique geological and geotechnical settings. Participants will explore significant geological formations, natural hazards, infrastructure projects, and cultural landmarks, enhancing their understanding of field applications in geoscience. These excursions aim to foster knowledge exchange, promote collaboration, and provide a comprehensive learning experience beyond the conference sessions. Detailed itineraries for each excursion are outlined below.

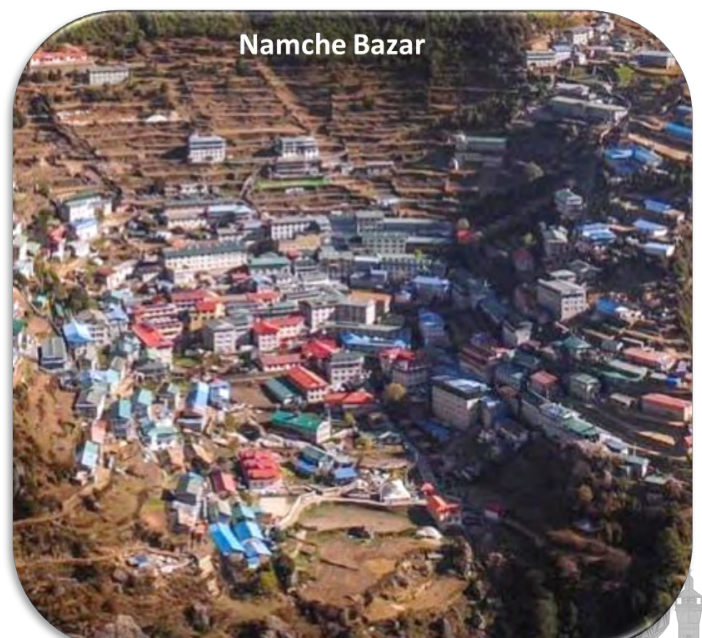
Date: 2025-11-24 to 25 Conference Tour Schedule

Ex-1: Everest Base Camp (Kalapatthar) Aerial Tour: Unveiling the Engineering Geology of the Higher Elevation by Airplane and Helicopter.

Time	Schedule
8:00	Departure from Kathmandu (Tribhuvan International Airport – Domestic Terminal) to Lukla (Tenzing-Hillary Airport).
9:00	Arrival at Lukla
9:00 – 11:00	Refresh and rest
11:00 – 12:00	Lunch at Lukla
12:00 – 16:00	Short Trekking in surrounding area of Lukla
16:00 – 17:00	Back to Hotel
18:00	Evening Dinner
Next Day	Departure from Hotel and Fly to Kalapatthar
8:00	
9:00 -11: 00	Back to Kathmandu



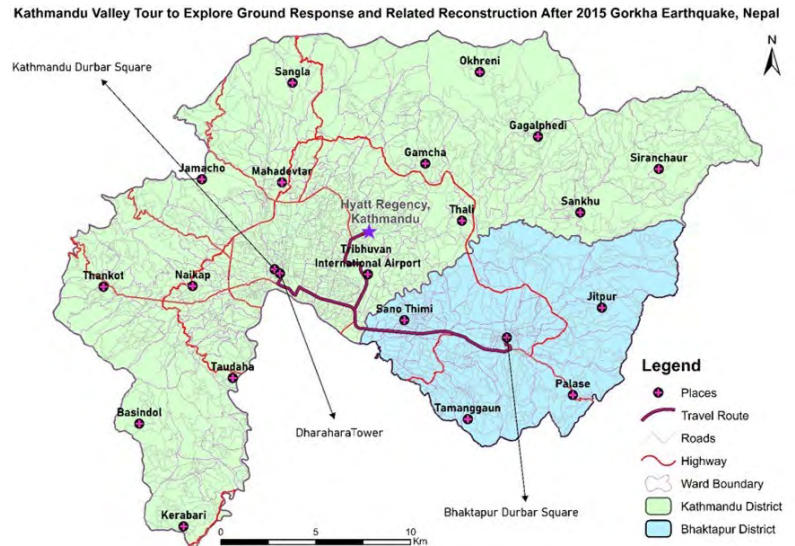
Route map showing the excursion path from Tribhuvan International Airport to Everest Base Camp (Kalapatthar) for Excursion 1.



Date: 2025-11-26 Conference Excursion Schedule

Ex-2: A Full Day Kathmandu Valley Tour to Explore Ground Response and Related Reconstruction After the 2015 Gorkha Earthquake, Nepal

Time	Schedule
8:00	Departure from Venue Hotel
9:00	Arrival at Bhaktapur Durbar Square
9:00 – 11:30	Observation of Reconstructed Monuments
11:30 – 13:00	Lunch at Bhaktapur
13:00 – 14:00	Travel to Kathmandu Durbar Square
14:00 – 15:30	Observation at Kathmandu Durbar Square
15:30 – 16:00	Travel to Dharahara Tower
16:00 – 17:00	Visit Newly Constructed Dharahara Tower
17:00	Return to Venue Hotel



Route map showing the excursion path from Bhaktapur Durbar Square to Dharahara Tower for Excursion 2.



Kathmandu Darbar Square



Bhaktapur Durbar Square

Date: 2025-11-26 Conference Excursion Schedule

Ex-3: A Full Day Tour to Explore Engineering Geological Setting of the Kathmandu Valley.

Time	Schedule
8:00	Departure from Venue Hotel
9:00	Arrival at Chovar Gorge
9:00 – 10:00	Field observation of Chovar Gorge and surrounding
10:00 – 10:30	Arrival at Nakkhu River Flood Damage Site
10:30 – 11:30	Observation of Nakkhu River Flood Damage Site
11:30 – 13:00	Lunch (Nepali Traditional Cuisine)
13:00 – 14:00	Arrival at Nagdhunga Road Tunnel Site
14:00 – 17:00	Observation of Nagdhunga Tunnel and surrounding
17:00	Return to Venue Hotel



Figure 3: Route map showing the excursion path for Excursion 3.

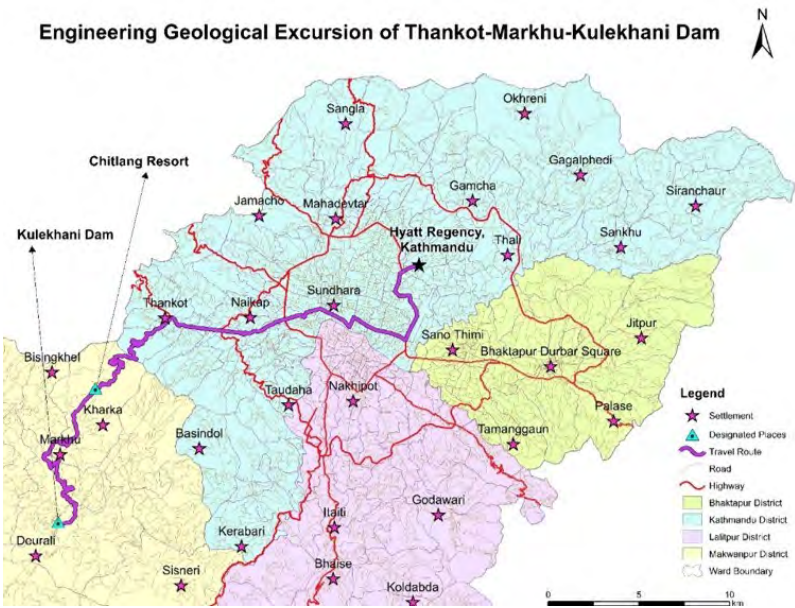


Ex-4: Engineering Geological Excursion of Thankot—Markhu—Kulekhani Dam Route South of Kathmandu.

Team Leader: Ujjwal Raghubansi

Day 1 (2025-11-30): Kathmandu – Chitlang –Kulekhani

Time	Schedule
8: 00	Departure from Venue Hotel
9:00 – 9:30	Observation of Kathmandu Valley Lake Sediment Deposit
10:30	Arrival at Chitlang Saddle
10:30 – 11:00	Observation of Kathmandu Valley from Chitlang Saddle
11:00 – 12:30	Arrival at Kulekhani Reservoir
12:30 – 13:30	Lunch at Kulekhani
13:30 – 15:30	Observation of Debris Flow Location
15:30 – 17:00	Observation around Kulekhani Reservoir Site
17: 00	Return to Chitlang Resort
Day-2 (2025-12-01): Kulekhani – Kathmandu	
8:00 - 9: 00	Breakfast
9:00	Departure to Kulekhani Dam site
10:30 – 11:00	Observation of Kulekhani Dam
11:00	Departure to Kathmandu



Kulekhani hydropower dam reservoir at Markhu



Date: 2025-11-30 to 2025-12-2 Conference Tour Schedule

Ex-5: Engineering Geology and Geotechnical Characteristics of Kathmandu-Pokhara Area.

Team Leader: Dr. Manita Timilsina (WEG team of NSEG will run this excursion)

Time	Schedule
Day 1 (2025-11-30): Kathmandu - Pokhara	
8: 00	Departure from Venue Hotel
8: 00 – 9: 00	Arrival at Nagdhunga Road Tunnel Site
9: 00 – 10: 00	Observation of Nagdhunga Tunnel Outlet
10: 00 – 12: 00	Arrival at Krishna Bhir
12: 00 – 12: 30	Observation of Krishnabhir
13: 15	Arrival at Kurintar
13: 15 – 14:00	Lunch at Kurintar Barasinghe beer factory
15:30 – 16:30	Observation of Tanahu Hydropower Dam
16:30 – 18:00	Arrival at Pokhara, stay at hotel
19:00	Dinner at Lakeside Pokhara
Day 2 (2025-12-01): Pokhara – Geological Features Exploration	
8: 00	Departure from Hotel
8: 30	Arrival at World Peace Stupa
8: 30 – 9:30	Observation of World Peace Stupa
10:00	Arrival at Devi's Fall
10:00 – 11: 30	Observation of Devil's Fall and Gupteshwor Gufa
12: 00 – 13: 00	Lunch (Thakali Authentic Cuisine)
13:30	Arrival at Ramghat
13:30 – 14:30	Observation of Seti River Gorge Opening
15:00	Arrival at Mahendra Cave
15: 00 – 16:00	Observation of Mahendra Cave
16: 30	Back to Hotel at Pokhara
16: 30 - 22:00	Free time, Enjoy Lakeside area
Day 3 (2025-12-02): Return to Kathmandu from Pokhara International Airport	



Pokhara International Airport



*** Interested participant can enjoy the surrounding environment.**

Kathmandu to Pokhara



Geological Features Exploration at Pokhara



Date: 2025-11-30 to 2025-12-2 Conference Tour Schedule

Ex-6: Engineering Geology Insights: Exploring the Tea Farming Landscapes of Far Eastern Nepal from Jhapa to Ilam (Three Days- 1h fly from Kathmandu in Airplane and Bus Trip in Jhapa and Ilam)

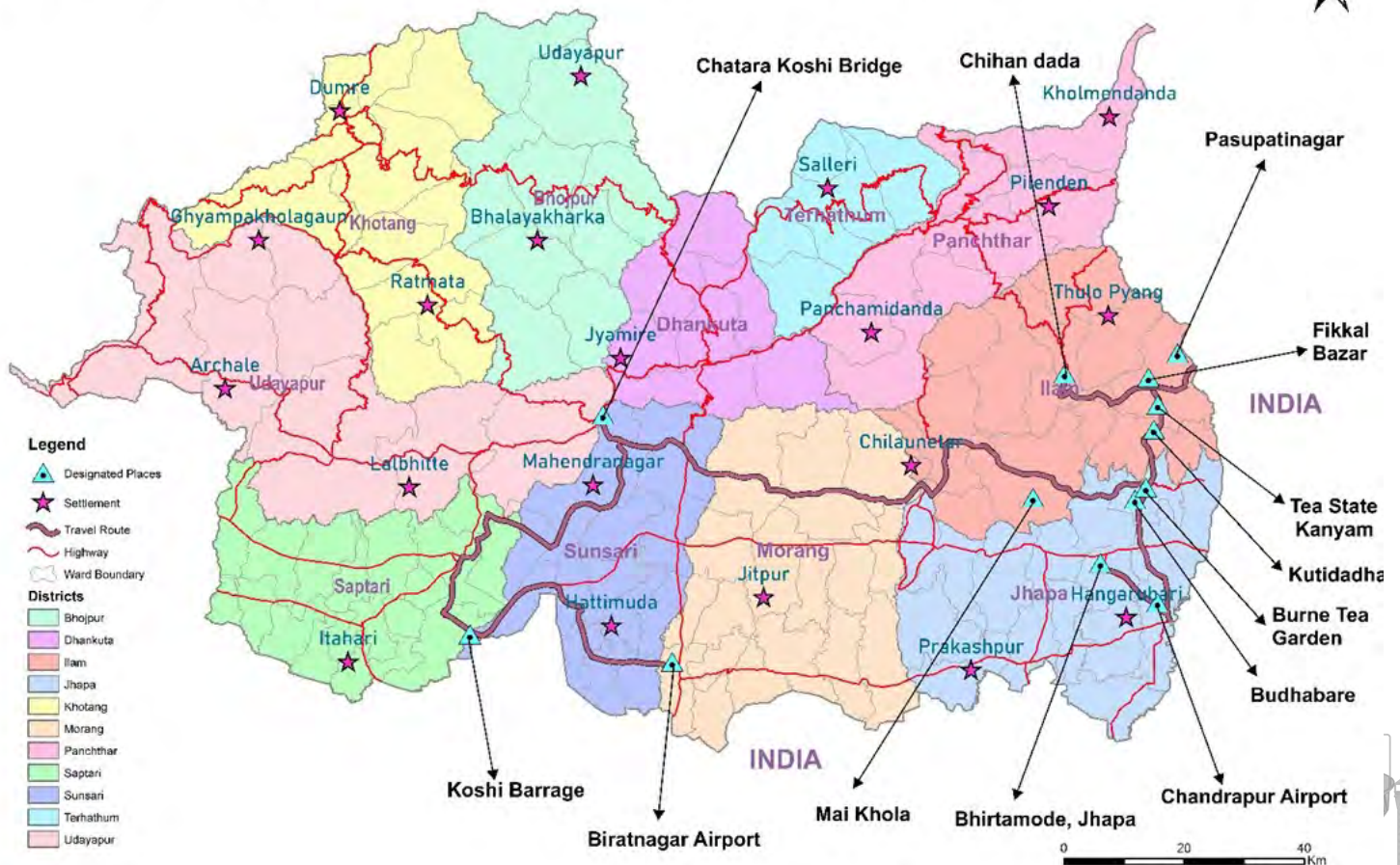
Time	Schedule
Day 1 (2025-11-30): Kathmandu – Biratnagar – Jhapa	
8: 00	Departure from Venue Hotel, Kathmandu
8:30	Arrival at Tribhuvan International Airport
9: 30 – 10:30	Flight to Biratnagar from TIA
10: 30	Arrival at Biratnagar Airport
10: 30 – 12:00	Biratnagar Airport to Chatara Koshi bridge
12:00 – 13:00	Lunch at Koshi Bridge, Chatara
13:00 – 14:00	Observation of Koshi sediment, MFT and Siwalik
14:00 – 15:30	Moving to Koshi Barrage
15:30 – 16:00	Observation of 63 yrs old Koshi Barrage
16:00 – 18:45	Travel to Birtamod, Jhapa
18:45	Stay at Jhapa
Day 2 (2025-12-01): Jhapa – Ilam	
8: 00	Departure from Jhapa to Ilam
8: 30 – 9:00	Observation of Main Frontal Thrust (MFT) at Budhabare
9:00 – 9:30	Arrival and Observation of MBT at Chihandada
9:30 – 10:00	Arrival and Observation of Lesser Himalayan Rock at Kutidada
10:00 – 10:30	Arrival and Observation of Tea State
11:00	Arrival at Tea State at Kanyam
11:30 – 12:30	Observation and enjoy the surrounding of Tea State at Kanyam
12:30 – 13:30	Lunch at Fikkal Bazar
14:30	Arrival at Maikhola
14:30 – 16:00	Observation of Creeping Landslide at Maikhola
16:30	Arrival and stay at Ilam
17:30	Free time, evening walk at Tea State
16:00	Moving to Hotel
19:30	Dinner at Hotel
Day 3 (2025-12-02): Pasupatinagar to Kathmandu	
8: 00	Departure from Pasupatinagar
11:30	Arrival at Kakarbhitta
11:30—12:30	Lunch
<u>Interested participants can go to India from the border, be careful that you have valid Indian Visa</u>	
14:00	Departure from Bhadraput Airport to Kathmandu
16:00	Arrival at Venue Hotel in Kathmandu



Kathmandu - Biratnagar-Jhapa



Engineering Geology Insights: Exploring the Tea Farming Landscapes of Far Eastern Nepal from Jhapa to Ilam



Excursion in Bangladesh

Ex-7: Padma Bridge en route to UN World Heritage site Sunderbans.

Sundarban Field Trip

DATE
Dec 4 to Dec 6 (2025) Thursday to Saturday,
2 Nights and 3 Days

Purpose: To understand the geology and geomorphology of the Sundarbans area, as geological, environmental and climate assessment across the Padma Bridge route to the UNESCO World Heritage site, the Sundarbans.

TRAVEL COST AND HOW TO PAY

- International Participant: 500 USD
- Local Participant: 20000 Tk
- All Participants have to pay in advance to confirm their participation in the trip.
- Website: <https://arc15.nseg.org.up/>

REGISTER NOW



The field trip package will include all transport, meals & accommodation.
* "Accommodation on the ship during the sightseeing to the Sundarbans."

Travel Spots

- Dhaka - Padma Bridge- Mongla Port } **By Bus**
- Karamjal } **By Ship**
- Harbaria }
- Kotka }
- Dublar Char }

Padma Bridge

Length: 6.15 km
Width: 18.10 m
Height: 120 m
Water depth: 29 m
No. of spans: 41
Construction start: 26 November 2014
Construction end: 23 June 2022

1st Day (DEC 4th)

07:00 Jahangirnagar University campus (Meeting Point)
07:30 Breakfast
12:00 Arrive Padma Bridge (site Visit)
13:00 Lunch Break & Prayer Break
16:00 Arrive Mongla Port get into ship.
17:00 Evening Snacks & Prayer Break
17:30 Site Visit (Karamjal)
20:00 Dinner And Relaxing

2nd Day (DEC 5th)

07:00 Breakfast
08:00 Site Visiting (Harbaria & Kotka)
13:00 Lunch & Prayer Break
16:00 Site Visiting (Dublar Char)
18:00 Evening Snacks & Prayer Break
20:00 Dinner
21:00 Amusement & Relaxing

3rd Day (DEC 6th)

07:00 Breakfast
08:00 Site Visiting (Hirsa Point)
12:00 Back to Mongla Port
13:00 Lunch & Prayer Break
14:00 Back to Dhaka by bus
20:00 Dinner And Relaxing in Bus

SUNDARBAN INFORMATION

1. Average latitude 21°27'30" & 22°30'00"N and longitude 89°02'00" & 90°00'00"E.
2. Geographic Location: Bay of Bengal, within the Ganges Delta, formed by the confluence of the Ganges, & Meghna rivers.
3. The total area of 10,000 km² is 60% of the property in Bangladesh.
4. The Sundarban is the world's largest mangrove forest. It is a recognise UNESCO World Heritage Site for its unique ecosystem and biodiversity.

Plant: Sundari (Heritiera fomes), Gewa (Excoecaria agallocha) Goran (Ceriops decandra), keora (Sonneratia apetala) & Nipa palm.

Animal: Royal Bengal Tiger, various birds, saltwater crocodiles, spotted deer, rehus monkeys, birds, fish, reptiles & amphibians.

GEOLOGY OF SUNDARBAN

1. Lower salinity in the northern part and higher salinity in the southern part.
2. Landforms of the region can be classified into the broad morphotypes of beach, dune, estuary bank, swamps.
3. Primarily built by the deposition of sediments from the Himalayan rivers & the Bay of Bengal
4. Characterized by Quaternary Era sediments, including sand, silt & clay mixed with marine salt deposit.
5. The area is characterized by deltaic formations, including drainage lines, levels, tidal flats & sandbars.

Back to Dhaka



Ex-8: Bangabandhu Tunnel—en route to the world's largest sea beach Cox's Bazar.

KARNAPHULI TUNNEL – EN ROUTE TO THE COX'S BAZAR SEA BEACH

PURPOSE: To explore the engineering marvel of the Karnaphuli Tunnel and study geo-exposures at Inani and Himchari along the world's longest natural sandy beach, highlighting its geology and coastal erosion.

Date

December 3rd to 5th
(Wednesday to Friday)
2 Nights and 3 Days

As part of the trip package, all transport, meals, and accommodation at a designated hotel will be provided to participants during the geological field excursion and sightseeing program in Cox's Bazar

Travel Spots:

- Dhaka-Patenga Sea Beach
- Karnaphuli Tunnel- Cox's Bazar
- Marine Drive- Patuartek Sea Beach-Inani Sea Beach - Himchari Sea Beach
- Cox's Bazar Beach travel from Laboni Point to Kolatoli Beach.

Travel Cost and Payment Method

- ✓ International participant: 550 USD
- ✓ Local Participant: 25,000 Tk
- ✓ Online Payment System
- ✓ Cash or Credit card at the Registration Desk at the Venue
- ✓ Website: <https://arc15.nseg.org.np>

KARNAPHULI TUNNEL

First underwater tunnel in Bangladesh and South Asia.

- Length of the entire route: 9.39 km
- Length of the main tunnel: 3.32 km
- The diameter of the tunnel: 10.80 m
- Length of the twin tubes: 2.45 km

COX'S BAZAR INFORMATION

- Longest natural sandy beach in the world with an unbroken length of 120 km.
- Low coastal plain leaving behind Tertiary hills with different geological exposures.
- Tertiary hill consists of massive sandstone interlayered with claystone, shale and siltstone.
- Sediments were deposited during the major development of the Bengal Basin.
- The coastal plains are covered with Holocene deposits which are dominantly tidal in nature.
- The sand at Cox's Bazar beach and surrounding areas are rich in mineral content.
- Surrounding area contains different geological exposures
- Homes to nearly 8,000 different kinds of flora and fauna, abundant sea life creatures, including jellyfish, starfish, numerous fish species, turtles, and tiny red crabs.

1ST DAY (DECEMBER 3RD)

- 07:00 Jahangirnagar University Campus (Starting point)
- 07:00 Breakfast
- 07:30 Start by Bus
- 13:00 Arrive at the port city of Chattagram
- 13:00 Lunch and Prayer Break
- 14:30 Arrive at Patenga Sea Beach and Sightseeing
- 15:30 Arrive Karnaphuli Tunnel (Site Visit)
- 16:00 Starts for Cox's Bazar
- 17:00 Evening snacks
- 21:00 Arrive at the Hotel at Cox's Bazar Sea Beach
- 21:30 Dinner and Relaxing

2ND DAY (DECEMBER 4TH)

- 07:30 Breakfast
- 9:00 Starts for Marine Drive, Patuartek Sea Beach-Inani Sea Beach-Himchari Sea Beach
- 10:30 Sightseeing and Refreshment
- 12:30 Arrive at the Hotel
- 13:00 Lunch and Prayer Break
- 14:30 Site Seeing; Longest Sea Beach
- 16:00 Evening Snacks and Sightseeing
- 20:00 Dinner and Relaxing

3RD DAY (DECEMBER 5TH)

- 07:00 Breakfast
- 08:00 Visit to Cox's Bazar Beach
- 10:00 Shopping at The Burmese Market
- 12:00 Lunch and Prayer Break
- 13:30 Departure
- Back to Dhaka by Bus

For Registration:



Synopsis of All Excursions

Excursion Ex-1: *Everest Base Camp (Kalapatthar) Aerial Tour: Unveiling the Engineering Geology of the Higher Elevation by Airplane and Helicopter* is priced at **USD 1,650**. The cost includes airfare (by airplane and helicopter), accommodation, and all necessary transportation. This unique aerial experience offers an exceptional opportunity to observe the geological features of the highest Himalayan regions without trekking.

Excursion Ex-2: *A Full Day Kathmandu Valley Tour to Explore Ground Response and Related Reconstruction after the 2015 Gorkha Earthquake* is available for **USD 100**. The price covers transportation and guided services. Meals, where applicable, may also be included. This excursion focuses on urban seismic impacts and post-earthquake reconstruction in the Kathmandu Valley.

Excursion Ex-3: *A Full Day Tour to Explore Engineering Geological Setting of the Kathmandu Valley* is also priced at **USD 100**. It includes transportation, guide services, and relevant field briefings. This tour offers participants an insight into the geotechnical and geological configuration of the Kathmandu Basin.

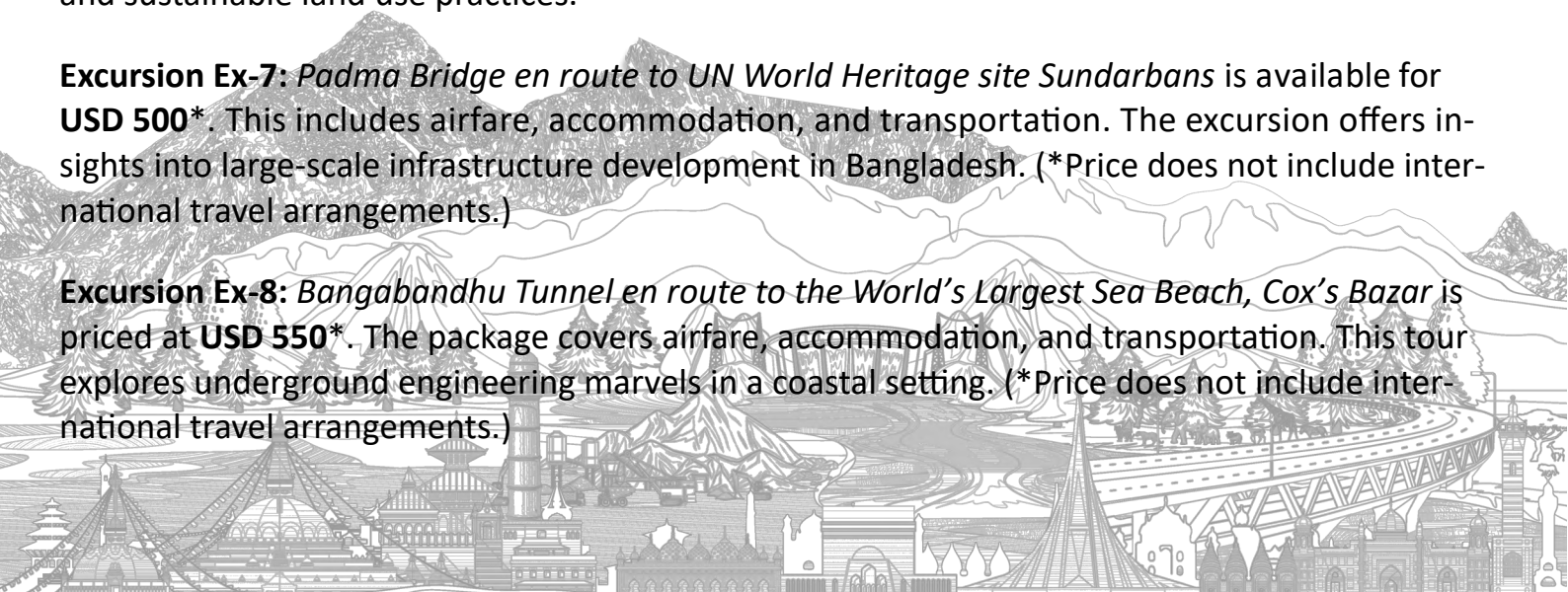
Excursion Ex-4: *Engineering Geological Excursion of Thankot—Markhu—Kulekhani Dam Route South of Kathmandu* costs **USD 180**. This includes transportation, guide services, and meals. The trip provides a comprehensive view of slope stability issues and hydropower infrastructure in a hilly terrain.

Excursion Ex-5: *Engineering Geology and Geotechnical Characteristics of Kathmandu-Pokhara Area* is a multi-day excursion priced at **USD 600**. The cost covers airfare, accommodation, and transportation. However, please note that **dinner on the second day is excluded**, and that day is kept as a **free day for participants** to explore Pokhara on their own.

Excursion Ex-6: *Engineering Geology Insights: Exploring the Tea Farming Landscapes of Far Eastern Nepal from Jhapa to Ilam* is a three-day excursion offered at **USD 900**. The price includes a one-hour domestic flight from Kathmandu, as well as all accommodation and local transportation by bus. This excursion integrates geological observations with agro-engineering and sustainable land use practices.

Excursion Ex-7: *Padma Bridge en route to UN World Heritage site Sundarbans* is available for **USD 500***. This includes airfare, accommodation, and transportation. The excursion offers insights into large-scale infrastructure development in Bangladesh. (*Price does not include international travel arrangements.)

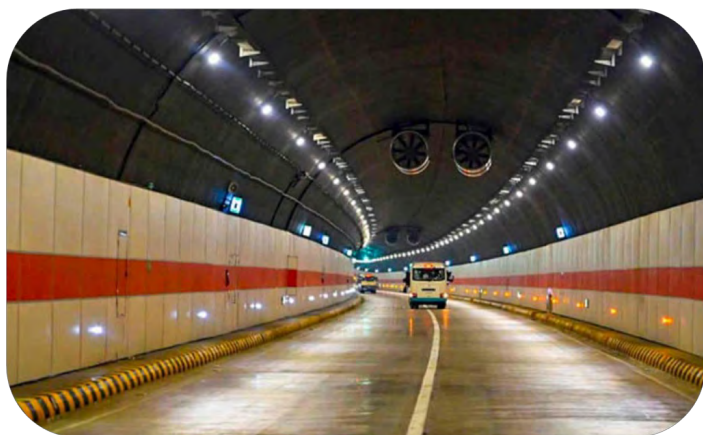
Excursion Ex-8: *Bangabandhu Tunnel en route to the World's Largest Sea Beach, Cox's Bazar* is priced at **USD 550***. The package covers airfare, accommodation, and transportation. This tour explores underground engineering marvels in a coastal setting. (*Price does not include international travel arrangements.)



Registration fee for field excursions

Ex. No.	Excursion	Fee
Ex-1	Everest Base Camp (Kalapatthar) Aerial Tour: Unveiling the Engineering Geology of the Higher Elevation by Airplane and Helicopter.	\$1,650
Ex-2	A full day Kathmandu Valley tour to explore ground response and related reconstruction after the 2015 Gorkha Earthquake, Nepal	\$100
Ex-3	A Full Day Tour to Explore Engineering Geological Setting of the Kathmandu Valley.	\$100
Ex-4	Engineering Geological Excursion of Thankot—Markhu—Kulekhani Dam Route South of Kathmandu.	\$180
Ex-5	Engineering Geology and Geotechnical Characteristics of Kathmandu-Pokhara Area.	\$600
Ex-6	Engineering Geology Insights: Exploring the Tea Farming Landscapes of Far Eastern Nepal from Jhapa to Ilam (Three Days- 1h fly from Kathmandu in Airplane and Bus Trip in Jhapa and Ilam)	\$900
Ex-7	Padma Bridge en route to UN World Heritage site Sundarbans.	\$500*
Ex-8	Bangabandhu Tunnel - en route to the world's largest sea beach Cox's Bazar.	\$550*

****Local participants can contact IBNG for fee payment!***



Karnaphuli Tunnel



Connecting Road of the Karnaphuli Tunnel



15TH ASIAN REGIONAL CONFERENCE OF IAEG

JOINTLY ORGANIZED BY **NEPAL** AND **BANGLADESH**
KATHMANDU, NEPAL | 27-29 NOVEMBER, 2025

5. Geotechnical and Geo-Environmental Engineering

5.1 Foundation Engineering

5.2 Ground Improvement Techniques

5.3 Unsaturated Soil Mechanics, Physical Properties of Soils, Geo-Environmental Issues

5.4 Soft Ground Treatments

5.5 Transportation Geotechniques

5.6 Earth Retaining Structures

5.7 Stability Analyses

5.8 Physico-chemical Environment of Soils

5.9 Geotechnical Modeling

5.10 Uses of Geopolymers in Geotech and Geo-Environment



6. Water Resources and Environmental Engineering

6.1 Water Resources and Watershed Management

6.2 Wastewater Treatment and Water Purification

6.3 Water Pollution in River, Lake and Coastal Area

7. Urban Geology, Urban Planning and Management – Engineering geological perspective

7.1 Environmental Assessment for Urban Development

7.2 Urban Design and Development Planning

7.3 Transportation Planning for Sustainable Development

7.4 Conceiving Reliable Engineering Geological Models for mining activities, infrastructures and building design, risk and urban planning



8. Engineering Hydrogeology and Management

8.1 Groundwater Management

8.2 Groundwater and Land Subsidence

8.3 Groundwater Monitoring and Restoration

8.4 Fractured Rock Hydrology



9. Tunneling and Role of Rock Mechanics in Developing Countries

9.1 Hard rock tunneling Issues and Development

9.2 Soft ground Tunneling Issues and Development

9.3 Rock Mechanics and Behaviours of Discontinuities in Hard Terrain

9.4 Tunneling in Challenging Geologies: Himalayan Experience and Global Perspectives



10. Remote Sensing and Geodesy

- 10.1 Remote Sensing and Geodesy in Geological Applications
- 10.2 Remote Sensing and Geodesy in Geotech/Geo-Environment
- 10.3 Remote Sensing and Geodesy in Water/Coastal Management
- 10.4 Remote Sensing and Geodesy in Urban Planning and Waste Management

11. Seismic Hazards, Earthquake Engineering and Structural Analysis

- 11.1 Engineering Geological and Geotechnical Consequences
- 11.2 Earthquake Engineering and Ground Response
- 11.3 Geotechnical Earthquake Engineering and Soil Dynamics
- 11.4 Retrofitting Structures
- 11.5 Structural Damages and Fatigues in Structures
- 11.6 Future of Himalayan Earthquake
- 11.7 Coseismic Landslides: From Case Histories to Risk Assessment
- 11.8 Seismic hazard analysis
- 11.9 Earthquake Safe Buildings in Developing Countries

12. Consequences of Geo-Disasters and Disaster Risk Management

- 12.1 Assessment of Geohazard Chains in high Mountain Regions
- 12.2 Seismic consequences in Social Welfare and Mental Trauma
- 12.3 Effects of Flooding/Tsunami/Storm in Infrastructures
- 12.4 Effects of Flooding/Tsunami/Storm in Social Welfare and Mental Trauma
- 12.5 Volcanic Disasters and Management
- 12.6 Landslide Risk Management
- 12.7 Disaster Risk Reduction
- 12.8 Disaster Risk Resilience and Disaster Management
- 12.9 Engineering Geologists in Risk Communication

13. Dimension Stones and Quarry Sites

- 13.1 Reserves and Utilization of Dimension Stones
- 13.2 Construction materials and aggregates for developing countries
- 13.3 Disposal of Mine Wastes and Mine Tail

14. The role of women in development of engineering geology

15. Climate change and related geopolitics

16. Landfill engineering and solid waste management

17. The Training and Education in Engineering Geology

- 17.1 Communication and education based on the knowledge of engineering geology
- 17.2 Global Engineering Geology Education – present and future directions

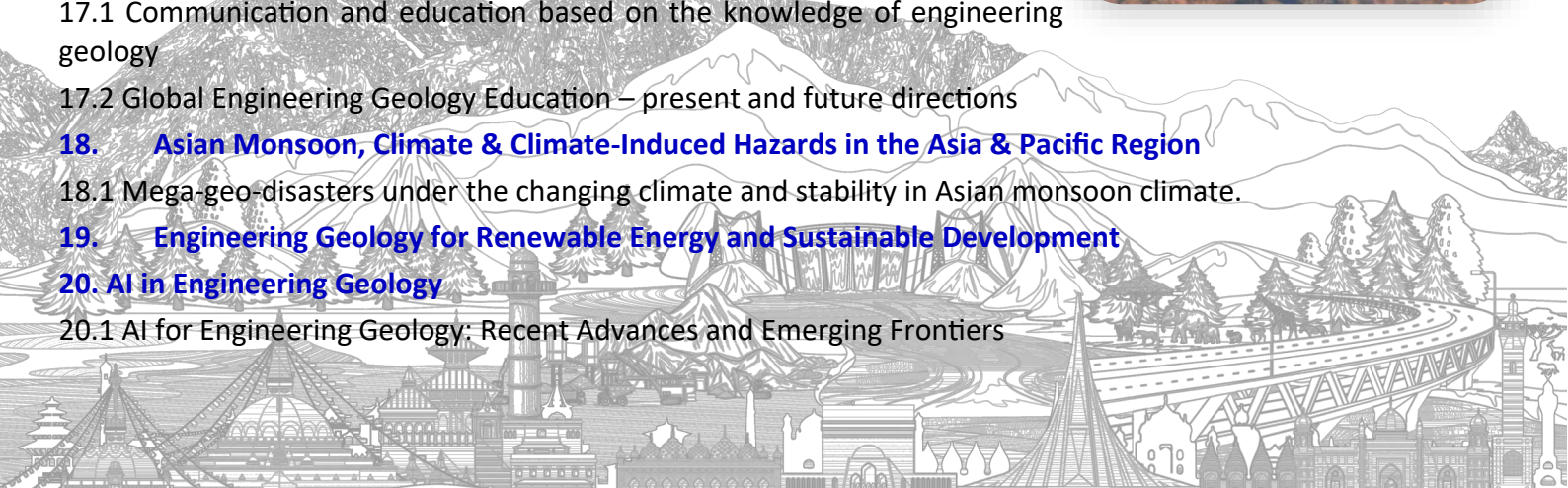
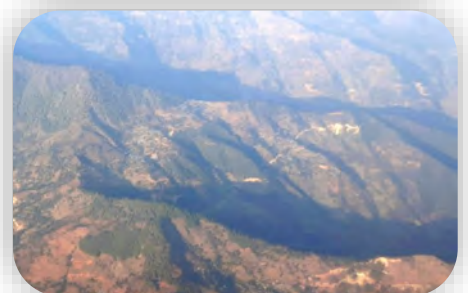
18. Asian Monsoon, Climate & Climate-Induced Hazards in the Asia & Pacific Region

- 18.1 Mega-geo-disasters under the changing climate and stability in Asian monsoon climate.

19. Engineering Geology for Renewable Energy and Sustainable Development

20. AI in Engineering Geology

- 20.1 AI for Engineering Geology: Recent Advances and Emerging Frontiers





Women in Engineering Geology

WEG Session in ARC-15 of IAEG

Empowering Women in Engineering Geology

JOIN US TO LEARN FROM AND WITH WOMEN IN ENGINEERING GEOLOGY

Session
Convener:
IAEG-
WEG Chair



Ann Williams

Coordinators:



Anjila Malla
NSEG-
WEG Chair



Mahmuda Khatun
IBNG-
WEG Chair

WHO SHOULD ATTEND?

- Men and women professionals in Geoscience and Engineering
- Industry leaders and policymakers
- Anyone advocating for gender diversity in STEM fields
- Students and early-career Geologists

KEY THEMES

Breaking down barriers
Overcoming gender based challenges in the field of engineering geology.
Leadership & mentorship
Inspiring the next generation of women engineering geologists.
Innovations & contributions
Showcasing success stories and research by women in engineering geology.
Opportunities & networking
Building a strong global community of women and advocates for women in engineering geology.



WHY ATTEND?

- Gain valuable insights from experienced women in engineering geology
- Connect with professionals and expand your network
- Explore opportunities for mentorship and career growth

CONFERENCE ATTRACTIONS:

- Pre-conference ice-breaker hike for women sponsored by NSEG
- Panel discussion
- Quick fire research presentations
- Short interactive workshop
- Poster/photo exhibition

Scan here for
registration



Together, let's shape a more inclusive future in engineering geology

ARC-15 of IAEG

★ Register Now! Secure your spot for this session

✉ Contact Us: arc15ktm@gmail.com 🌐 More Info: <https://arc15.nseg.org.np/>

"Elevating Young Talent in Engineering Geology"

Empowering Young Engineering Geologists: Embracing New Roles through IAEG



JOIN
US



YEG Session in ARC-15 of IAEG



Call for Abstract

KEY THEMES:

- Leadership and Career Development in Engineering Geology
- The Role of Young Engineering Geologists in Disaster Management and Mitigation
- Innovation and Entrepreneurship in Engineering Geology
- Global Collaboration among Young Engineering Geologists

WHY ATTEND?

- Hear from fellow young professionals and learn from experienced mentors.
- Explore emerging tools, techniques, and innovations in the field.
- Discover career pathways, internships, and job opportunities.
- Develop your leadership and technical skills
- Expand your professional network and join a global movement to amplify the voice and impact of young professionals in Engineering Geology and Geotechnical Engineering

WHO SHOULD ATTEND?

- Early-career professionals in Engineering Geology and Geotechnical Engineering
- Students and recent graduates
- Academic researchers and educators
- Industry practitioners interested in mentoring or engaging with young talent
- Geological engineering societies and associations

Session Convener:



Dr. Stratis (Efstratios) Karantounis
(IAEG-YEG Chair)

CONFERENCE ATTRACTONS:

- Pre-Conference Hike-a networking kickoff for YEG members sponsored by NSEG
- Interactive Panel Discussion with experts
- Rapid-Fire Research Presentations
- Brief Hands-On Workshop
- Poster And Photo Exhibition

Session Coordinators:



Mr. Shailesh Pantha
(NSEG-YEG Chair)



Mr. Om Prasad Divakal
(NSEG-IAEG-YEG member)



Mr. Shafigul Islam Samy
(IBNG-YEG Secretary)

Organizers:

Co-organizers:



Secure your spot for this session

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CONFERENCE OF IAEG**

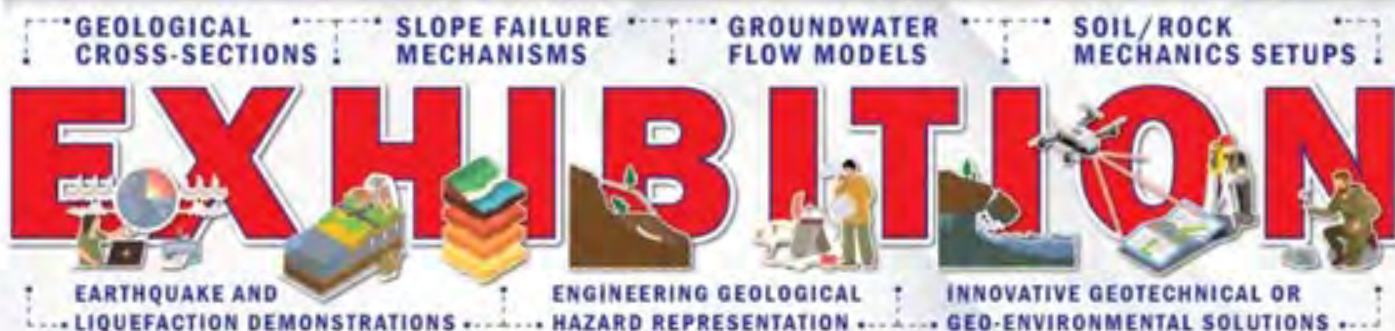


Register
Now!

Student Exhibitions of Engineering Geological Models

Role of IAEG in the development of Geological Engineering in the global arena

KEY THEME: Enhancing Practical Learning through Visual demonstration: Where Science Meets Creativity in Engineering Geology



EXHIBITION HIGHLIGHTS:

- International Platform For Students
- Student-Led Innovation
- Global Networking
- Hands-On Experience
- Get Recognized With A Certificate Of Participation from IAEG



WHO CAN PARTICIPATE ?

Postgraduate and graduate students from:

- Engineering Geology
- Geology
- Civil/Geotechnical/Structural Engineering
- Environmental Science

(Individual or group participation up to 5 members and open to all ARC-15 registered students)

WHY ATTEND ?

- Build, present and shine
- To showcase your creativity and technical knowledge on engineering geology and geotechnical engineering
- Learn through interaction with peers, professors and professionals
- Gain visibility within the IAEG team
- Develop teamwork and presentation skills
- Competing to be the best (Best Model Awards)

SESSION CONVENOR:

Mr. Milan Kumar Rai (NSEG-YEG Member)

SESSION COORDINATORS:

Ms. Anjila Malla (NSEG-WEG Chair, IAEG WEGC Member)
Mr. Shankar Pantha (NSEG-YEG Chair)
Mr. Rajan Mahat (NSEG-YEG Secretary)
Ms. Samina Khatun (NSEG-WEG Member)

ADVISORS:

Stratis Karantanelis (YEG Chair, IAEG)
Ann Williams (WEG Chair, IAEG)



Submission Deadline: August 31, 2025

Confirmation of selection: September 15, 2025

Setup and Exhibition Date: Will be published later but it will be during the ARC-15 of IAEG, Nov 27-29, 2025

JOIN US

Contact: Milan Kumar Rai and Anjila Malla

Organizers:

Co-organizers:



15th ASIAN REGIONAL CONFERENCE OF IAEG

<https://arc15.nseg.org.np/> arc15ktm@gmail.com



Welcome to 15th Asian Regional Conference of IAEG (ARC-15 of IAEG)

"Geological Engineering for Societal and Sustainable Development"

A Landmark Global Geoscience Event in Asia

Organized by the Nepal Society of Engineering Geology (NSEG) and IAEG Bangladesh National Group (IBNG)

Pre-Conference Workshop Series

Workshop 1: In-depth technical workshop with case studies and expert-led discussions

Rock Mass Improvement Techniques - Grouting through the Perspective of the Engineering Geologist

WORKSHOP OVERVIEW: Focuses on advanced grouting techniques for rock mass improvement emphasizing practical engineering geological perspectives and site-specific solutions.

KEY THEMES:

- Grouting basics: why, where, what, how, when
- Designing with geological, test, groundwater data
- Execution: permeation, consolidation, barrier techniques
- Roles, equipment, and managing uncertainties



26 November 2025

Full day 8:30 - 4:30 PM

Convener:



Rados Christakis
Sr. Engineering Geologist

Coordinator:



Zangir Saphota
Sr. Engineering Geologist

Case Studies Include: Upper Tamakoshi & Tanahu Hydropower Projects, Nepal, HATS-2A, Hong Kong and Engurhi Hydropower, Georgia

Workshop 2: One-day interactive workshop

Engineering Geological Models - Traditional and Digital Approaches

WORKSHOP OVERVIEW: Hands-on workshop on building Engineering Geological Models using IAEG Commission 25 (IAEG C25) guidelines with real world project examples and highlighting evolution of traditional mapping to digital tools.

KEY THEMES:

- Structured EGM approach using C25 guidelines
- Hands-on modeling for water storage project
- Digital tools for 2D and 3D models
- Real project examples: dams, hydropower sites
- Interactive session for questions and insights



26 November 2025 | 9:00 to 4:00 PM

Conveners:



Fred Baynes
Past President of IAEG



Mark Eggers
Sr. Engineering Geologist

Coordinator:



Anthony Bowden
Sr. Engineering Geologist

Workshop 3: Master's and PhD students, early career researchers

Preparing a Manuscript for an International Scientific Journal - What Editors and Reviewers Look For

WORKSHOP OVERVIEW: Guidance for preparing manuscripts and publishing in top scientific journals covering editorial expectations, writing tips and firsthand insights from Bulletin of Engineering Geology and the Environment (BOEG) editors.

KEY THEMES:

- Editorial Insights on writing strong manuscripts
- Q&A with editors and publishing experts
- Sharing experiences, challenges, and feedback
- Overview of BOEG journal and submission process



26 November 2025

2:00 to 5:00 PM

Convener:



Janusz Wasowski
Vice President, IAEG

Scan QR to
Know More and Join us

And Many More.....

Organizers:

Co-organizers:



**15TH ASIAN REGIONAL
CONFERENCE OF IAEG**

JOINTLY ORGANIZED BY NEPAL AND BANGLADESH
KATHMANDU, NEPAL | 27-29 NOVEMBER, 2025



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Enhancing Tunnelling and Rock Slope Engineering with Rocscience Software Tools



WORKSHOP OVERVIEW:

This workshop aims to bridge engineering theory and practical software application by first establishing the key challenges in tunnelling and rock slope engineering—particularly in complex Himalayan terrain—and then demonstrating how Rocscience tools offer robust solutions. The format includes conceptual discussions, live demonstrations, and case-based applications, ensuring value for both new and experienced professionals.

WORKSHOP OBJECTIVES:

- Introduce current geotechnical and geological challenges in tunnelling and rock slopes.
- Demonstrate the use of Rocscience software tools—RS2, RS3, Slide2, Slide3, RocTunnel3, UnWedge, Dips, RocSupport, RocFall2, RocFall3 and others—in addressing real-world problems.
- Facilitate understanding of modelling workflows, interpretation of results, and best practices.
- Engage participants through practical examples and interactive problem-solving.



Session 1: Context and Engineering Fundamentals

- Tunnelling in Complex Geology: Key Design and Stability Issues
- Rock Slope Engineering: Modes of Failure, Reinforcement Strategies
- Introduction to Numerical and Limit Equilibrium Approaches



Session 2: Rocscience Software Ecosystem

- Overview of the Rocscience Suite: What, Why, and When
- Core Capabilities and Interoperability of Tools



Session 3: Applications in Tunnelling

- Modelling Tunnel Excavation & Support with RS2 and RS3
- Convergence-Confinement Method of Support Design with RocSupport
- Jointed Rock and Discontinuity Analysis with RocTunnel3, UnWedge & Dips
- Groundwater Effects and Support Interaction



Session 4: Applications in Rock Slopes

- Slope Stability Using Slide2 & Slide3 and RS2 & RS3
- Slope Stability Analysis for Structurally-controlled Instability using RocSlope2, RocSlope3 and Dips
- Probabilistic and Seismic Analysis
- Use of RocFall2 and RocFall3 for Rockfall Hazard Mitigation



Session 5: Interactive Q&A and Discussion

TARGET AUDIENCE:

Engineering geologists, geotechnical engineers, tunnelling specialists, slope stability analysts, academic researchers, and postgraduate students.



25 November 2025
Full day (9:00 AM - 5:00 PM)



Trainer:



Dr. Manoj Verman

Tunnelling & Rock Engineering Expert
Rocscience Representative – India & South Asia

Organizers:



Co-organizers:



15TH ASIAN REGIONAL CONFERENCE OF IAEG

JOINTLY ORGANIZE BY NEPAL AND BANGLADESH
KATHMANDU, NEPAL | 27-29 NOVEMBER, 2025

Scan QR to
Know More and Join us



<https://arc15.nseg.org.np/> | arc15ktm@gmail.com
+977-9851060464 | +977-9851154970

Conference Registration

All interested participants are requested to fill pre-registration form available in the conference website (<https://arc15.nseg.org.np>). Details on registration fee is given below, and it is decided on a basis of number of pre-registered participants and their suggestions. Registration fee will cover access to all presentation sessions, a copy of abstract volume, one reception dinner, conference lunches, and tea/coffee during the breaks. It does not cover the cost of other dinners and hotel accommodations.

Category	Early Bird	Regular	Full
	(Before June 15, 2025)	(Before October 15, 2025)	(After October 15, 2025)
All Participants	\$550	\$650	\$750
Woman in Engineering Geology (WEG)	\$450	\$550	\$650
Young Engineering Geologists (YEG)	\$270	\$370	\$470
Students	\$270	\$370	\$470
Low and Lower-Middle Income Country (According to World Bank)	\$350	\$400	\$450
WEG from Low and Lower-Middle Income Country (According to World Bank)	\$300	\$350	\$400
YEG from Low and Lower-Middle Income Country (According to World Bank)	\$200	\$250	\$300
Student from Low and Lower-Middle Income Country (According to World Bank)	\$200	\$250	\$300
Official Participant from Nepal and Bangladesh*	NRs. 25,000	NRs. 35,000	NRs. 45,000
Non-member Participant from Nepal and Bangladesh*	NRs. 20,000	NRs. 25,000	NRs. 30,000
NSEG or IBNG Member*	On site payment on Nov 24-26, 2025		

***Mode of payment: Nepali Bank Cheque or Cash only**

Passport and Visa Requirement

All the foreign participants are advised to contact the Nepalese Embassy or Consulate in their respective countries to get visa for entering into Nepal. They must have valid passport and visa to enter into Nepal. Visa can also be obtained in the Tribhuvan International Airport (Kathmandu) on arrival. For those of you planning to acquire a visa upon arrival at the airport, please bring with you two passport-sized photographs and US\$30 cash for the visa fee. Gratis Visa is available for SAARC nationals visiting Nepal since 2014. We request you to claim Gratis Visa if it is applicable to you. To apply for a Nepal visa, you need to submit an online application through the portal of the [Department of Nepal Immigration](https://nepalimmigration.gov.np). Detail about Nepal Visa is available in conference web site (<https://arc15.nseg.org.np/>) also.

Climate

Climate in Kathmandu in the end of November is pleasant but slightly cold. Mornings and evenings are often minimum 5 degrees and maximum 25 degrees, but the daytime is pleasantly warm. It is advised that the participants bring warm clothes.

Currency

US Dollar, Euro, Canadian Dollar, British Pound, Australian Dollar, Japanese Yen, Indian Rupee and Chinese Yuan can be exchanged in the banks, Star Hotels, and authorized Money Changer. As of October 30, 2024, US\$ 1 is equivalent to NRs 135.00 and, it may be subject to change.

Organizers



Nepal Society of Engineering Geology



IAEG Bangladesh National Group (IBNG)

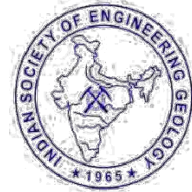
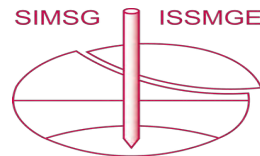


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Kagawa University, Takamatsu, Japan

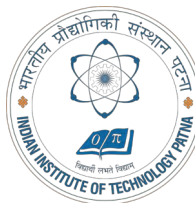
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Dr. Mahmuda Khatun, IBNG WEG Chair, Bangladesh

YEG National Coordinator:

Mr. Shankar Pantha, NSEG YEG Chair, Nepal
Mr. Md. Shafiqul Islam Sany, IBNG YEG Secretary General, Bangladesh

YEG International Coordinator: Mr. Om Prasad Dhakal, IAEG YEG Committee Member

Members from Nepal:

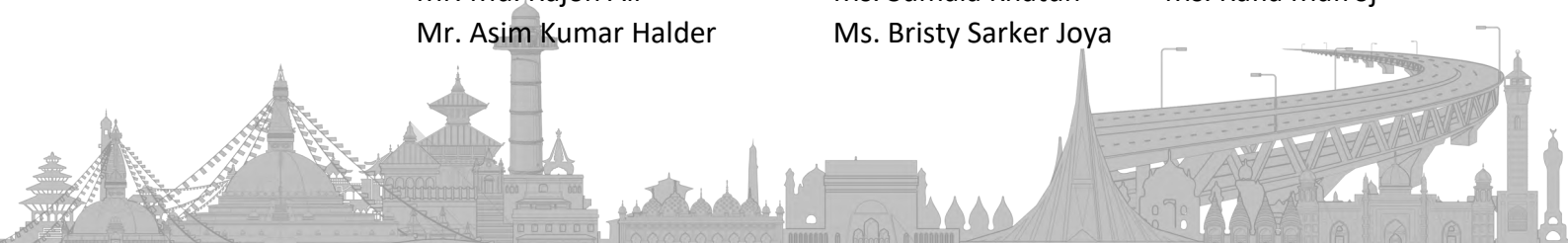


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 Mr. Karma Tempa, Bhutan International Geological Society, Royal Bhutan University
 Mr. Om Pradhan, OYO Corporation, Japan

Call for Session Proposals

Various interesting sessions have been submitted already and we encourage for more session proposal from interested geoscientific communities, national and regional group of IAEG, national and international partners. Please submit your session proposal by emailing us at arc15ktm@gmail.com or using our online form at <https://arc15.nseg.org.np/session-proposal/>. We will respond promptly. You are welcome to submit multiple session proposals, all free of charge. If you have specific sponsors in mind for your session, let us know, and we would be happy to reach out to them to explore sponsorship opportunities.

We are pleased to share that a number of exciting session proposals have already been submitted for ARC-15. We warmly encourage further contributions from the geoscientific community, including national and regional groups of IAEG, as well as our national and international partners. If you are interested in organizing a session, please submit your proposal via email at arc15ktm@gmail.com or through our online form: <https://arc15.nseg.org.np/session-proposal/>. Our team will respond promptly. You are welcome to submit multiple proposals, and there is no submission fee. If you have specific sponsors in mind for your session, kindly let us know, we would be happy to reach out to explore sponsorship opportunities.

We look forward to your valuable contributions in shaping a dynamic and impactful scientific program at ARC-15 of IAEG.

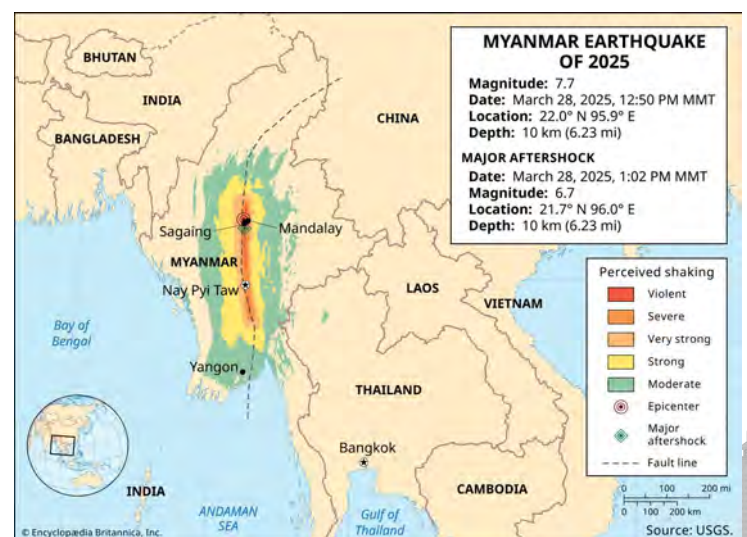
Special Session on Myanmar Earthquake

Special Session for Engineering Geology Perspectives on the March 2025 Mandalay Earthquake and its effects in Myanmar, Thailand, China and surrounding areas.

Convener: Dr. Janusz Wasowski, senior research associate, CNR-IRPI (National Research Council of Italy)

Contact for contribution:

Email: janusz.wasowski@cnr.it



Source: Encyclopedia Britannica, Inc.

Submitted Sessions:

SN	Theme	Session Title	Session Convener
1	2. Active Tectonics and Geohazards Subtheme 2.4	Special Session for Engineering Geology Perspectives on the March 2025 Mandalay Earthquake and its effects in Myanmar and Thailand and China	Convener: Dr. Janusz Wasowski, senior research associate, CNR-IRPI (National Research Council of Italy) Email: janusz.wasowski@cnr.it
2	3. Landslides Subtheme 3.9	Large-Scale Landslides: Advanced Investigation, Monitoring, and Modelling	Convener: Univ. Prof. Mag. Dr. Christian Zangerl BOKU University, Department of Landscape, Water and Infrastructure, Institute of Applied Geology, Vienna, Austria E-mail: christian.j.zangerl@boku.ac.at
3	3. Landslides Subtheme 3.10	Formation of Landslides: Reconstruction, Mapping, Modeling, and Prediction under Different Influencing Factors	Convener: Dr. Łukasz Pawlik, Associate Professor Institute of Earth Sciences, University of Silesia, Poland E-mail: lukasz.pawlik@us.edu.pl
4	4. Hydro-climatic and Geological hazards in Developing Countries, Subtheme 4.1	Geohazards in the Himalaya	Convener: Dr. Subodh Dhakal, Head Department of Geology, Tri-Chandra Campus, Nepal Email: dhakalsubodh@gmail.com
5	4. Hydro-climatic and Geological hazards in Developing Countries Subtheme 4.2	Flood Hazards	Convener: Prof Dr. Monique Fort, University Paris Cité, France Email : fort.monique@gmail.com
6	5. Geotechnical and Geo-Environmental Engineering Subthemes 5.3:	Unsaturated Soil Mechanics, Physical Properties of Soils, Geo-Environmental Issues	Convener: Prof. Dr. ATM Shakhawat Hossain, Geological Engineering, Geohazards & Disaster Sciences Research Group, Department of Geological Sciences, Jahangirnagar University, Dhaka, Bangladesh. E-mail: shakhawathos2004@yahoo.com
7	7 Urban Geology, Urban Planning and Management Sub-theme: 7.4	Conceiving Reliable Engineering Geological Models for mining activities, infrastructures and building design, risk and urban planning	Convener: Prof. Dr. Vessia Giovanna University "G.d'Annunzio" of Chieti-Pescara, Italy E-mail: g.vessia@unich.it
8	9. Tunneling and Role of Rock Mechanics in Developing Countries	Tunneling in Challenging Geologies: Himalayan Experience and Global Perspectives	Convener: Dr. Manoj Verman Rocscience India Email: manoj@mverman.com
9	11. Seismic Hazards, Earthquake Engineering and Structural Analysis Sub-theme: 11.7	Coseismic Landslides: From Case Histories to Risk Assessment	Conveners: Prof. Dr. Gonghui Wang, Disaster Prevention Research Institute, Kyoto University, Email: wanggh@landslide.dpri.kyoto-u.ac.jp Prof. Dr. Jia-Jyun Dong, National Central University, Taiwan, Email: jjdong@geo.ncu.edu.tw
10	12 Consequences of Geo-Disasters and Disaster Risk Management Subtheme: 12.1	Assessment of Geohazard Chains in high Mountain Regions	Convener: Prof. Dr. Hans-Balder Havenith Liege University, Belgium Email: hh.havenith@uliege.be
11	12 Consequences of Geo-Disasters and Disaster Risk Management Subtheme: 12.6	Landslide Risk Management	Convener: Dr. Mike Winter Director, Winter Associates Limited, UK Email: mwinter@winterassociates.co.uk
12	14 The role of women in development of engineering geology	The role of women in development of engineering geology	Convener: Ann Williams (IAEG-WEG Chair) BECA, New Zealand Email: ann.williams@beca.com
13	17 The Training and Education in Engineering Geology Subtheme: 17.1	Communication and education based on the knowledge of engineering geology	Convener: Prof. Dr. Atsuko Nonomura Kagawa University, Takamatsu, Japan Email: nonomura.atsuko@kagawa-u.ac.jp
14	18 Asian Monsoon, Climate & Climate-Induced Hazards in the Asia & Pacific Region Subtheme: 18.1	Mega-geo-disasters under the changing climate and stability in Asian monsoon climate.	Convener: Prof. Dr. Toru Terao Kagawa University, Takamatsu, Japan Email: terao.toru@kagawa-u.ac.jp
15	20 AI in Engineering Geology Subtheme: 20.1	AI for Engineering Geology: Recent Advances and Emerging Frontiers	Convener: Dr. Ashok Dahal, Assistant Professor of AI for Early Warning Systems University of Twente, The Netherlands Email: a.dahal@utwente.nl

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We are pleased to invite your esteemed organization to join the ARC-15 Organizing Committee as a valued sponsor. This conference provides a prime opportunity to showcase your organization's activities, products, and innovations to an engaged audience of professionals. ARC-15 is expected to attract over 800 delegates, including 500 global and 300 national delegates from diverse professions such as engineering geologists, geologists, engineers, designers, disaster experts, transport engineers, structural engineers, urban planners and geotechnical engineers, representing sectors such as industry, government, research institutions, and academia. By sponsoring ARC-15, your organization will gain following benefits:



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Introduction to Nepal Society of Engineering Geology

The Nepal Society of Engineering Geology, established in 2018, is a non-profit professional organization dedicated to advancing Engineering Geology and Geotechnical Engineering in Nepal and internationally. As the Nepal National Group of the International Association for Engineering Geology and the Environment (IAEG), it enhances IAEG membership to advance engineering geological sciences. NSEG promotes high standards through research, investigations, and knowledge exchange with experts worldwide. The society unites professionals from disciplines like Engineering Geology, Geomorphology, Civil Engineering, and Disaster Risk Management, bridging gaps among geologists, engineers, and social scientists to address geotechnical challenges and support sustainable development in Nepal. It organizes national and international symposiums, workshops, and training programs to foster expertise and encourage young professionals to adopt global standards.

Sponsorship Call for ARC-15 of IAEG

The 15th Asian Regional Conference (ARC-15) of the International Association for Engineering Geology and the Environment (IAEG), taking place in Kathmandu, Nepal, offers an exceptional opportunity for sponsors to gain maximum visibility and engagement. With 800 expected participants, including 500 global and 300 national delegates from diverse sectors such as academia, industry, and policymaking, sponsors can display their brand to a targeted and influential audience. Benefits include extensive media coverage through print, digital, and broadcast channels, and prominent brand placement on conference banners, programs, and the official website. Additionally, sponsors can host pre-conference workshops and training courses, providing a platform to demonstrate expertise, build relationships, and create lasting impacts in the field of engineering geology and environmental sustainability. This partnership ensures a strategic and impactful presence at one of the most significant gatherings in the Asian region.

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Number of free participants for the Conference	4	3	2	1	1
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A dynamic banner in conference homepage	✓	✗	✗	✗	✗
Price in US\$	16,000	12,000	8,000	4,000	2,500
Price in NPR.	2,000,000	1,500,000	1,000,000	500,000	300,000

Exhibition Booth only	Price
Per Table, max 3 sq. m	NPR. 150,000 US\$ 1,250
No of allowed staff	One

The exhibition booth consists of the following items:

1 Table, 2 Chairs, 1 Socket,

Exhibition locations at the exhibition area will be decided on a “first-come-first-served” basis.

Platinum, Diamond, Gold and Silver Sponsors will have priority.

Call +9779851060464 or +9779851334604, or you can send an email to arc15ktm@gmail.com for sponsorship and booking of booth. We sincerely appreciate your consideration of this invitation to participate as a sponsor at ARC-15 of IAEG and eagerly anticipate your presence at the event.

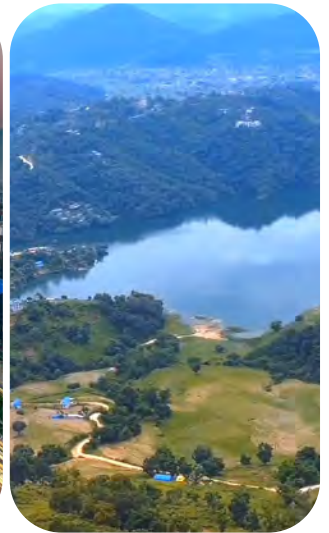


15TH ASIAN REGIONAL CONFERENCE OF IAEG



JOINTLY ORGANIZED BY NEPAL AND BANGLADESH
KATHMANDU, NEPAL | 27-29 NOVEMBER, 2025

Welcome to Nepal



Contact Information:

The 15th Asian Regional Conference of IAEG

Conference Office

Nepal Society of Engineering Geology (NSEG)

Dhobighat, Lalitpur, Nepal

Phone: +977-9851060464, +977-9851154970

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