



**THE FIRST INDO-NEPAL JOINT SYMPOSIUM
ON NATURAL HAZARDS AND ENGINEERING GEOLOGY OF THE HIMALAYA**

IN CONJUNCTION WITH
THE 4TH NATIONAL ENGINEERING GEOLOGY DAY (NEG DAY 2026)

THEME: SILENT FORCES OF NATURE AND GROWING RISK IN THE HIMALAYAN REGION

Symposium Program

ORGANIZED JOINTLY BY



4th NEG-DAY
Oct 11, 2026



Organizers



Himalayan Society of Geoscientists (HSG), India

Nepal Society of Engineering Geology (NSEG), Nepal



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4th NEG-DAY
Oct 11, 2026



Message from the President Prof. Dr. Kumud Raj Kafle Nepal Society of Engineering Geology (NSEG), Nepal

On behalf of the Nepal Society of Engineering Geology (NSEG), it gives me immense pleasure to welcome all distinguished guests, delegates, speakers, researchers, professionals, and students to the First Indo–Nepal Joint Symposium on Engineering Geology (INJSEG 2026), jointly organized by Nepal Society of Engineering Geology (NSEG), Nepal, and the Himalayan Society of Geoscientists (HSG), India, in conjunction with the 4th National Engineering Geology Day (NEG Day 2026).

This inaugural symposium marks an important step in strengthening scientific and professional collaboration between Nepal and India. As neighboring Himalayan countries, we share common geological challenges including earthquakes, landslides, debris flows, glacial hazards, climate change, and the growing need for resilient infrastructure.

Since its establishment in 2018, NSEG has remained committed to advancing engineering geology through professional practice, research, education, capacity building, and collaboration. INJSEG 2026 further supports this mission by bringing together researchers, engineering geologists, geotechnical engineers, policymakers, professionals, and young scientists to exchange knowledge and explore solutions to Himalayan engineering geological challenges.

I sincerely hope this first Indo–Nepal joint symposium lays the foundation for long-term collaboration between our professional communities and contributes to safer infrastructure, improved disaster risk reduction, and more resilient mountain regions. I extend my sincere appreciation to HSG, the symposium conveners, organizing committee, speakers, sponsors, partners, volunteers, and everyone whose efforts have made INJSEG 2026 possible.

Finally, I wish all participants a productive and memorable symposium. May INJSEG 2026 strengthen Nepal–India cooperation and inspire new collaborations for a safer, more resilient, and sustainably developed Himalayan region.

Prof. Dr. Kumud Raj Kafle
President
Nepal Society of Engineering Geology (NSEG)



Message from the President Bhaskar Datt Patni Himalayan Society of Geoscientists (HSG), India

Distinguished guests, respected scientists, eminent engineering geologists, researchers, academicians, professionals, representatives of government and industry, and dear colleagues from India and Nepal:

It gives me immense pleasure and a deep sense of responsibility to welcome you all to the First Indo-Nepal Joint Symposium on Engineering Geology, INJSEG 2026, jointly organized by the Himalayan Society of Geoscientists (HSG), India, and the Nepal Society of Engineering Geology (NSEG), Nepal.

This is not merely the first joint symposium of two professional societies. It represents the coming together of two neighbouring Himalayan nations that share mountains, rivers, geology, ecosystems, cultures, and, increasingly, a shared exposure to natural hazards. I extend my warm greetings to all our colleagues from Nepal and express my sincere appreciation to the Nepal Society of Engineering Geology for creating this important platform for scientific cooperation.

A Moment of Reflection

We meet at a particularly difficult moment for the Himalayan region. The recent catastrophic disasters in Nepal have once again reminded us of the extraordinary power and complexity of mountain processes. The August 2026 Bhote Koshi disaster, involving a massive slope/glacial failure followed by a destructive debris flood, caused enormous loss of life and widespread damage to roads, bridges, hydropower facilities, and communities.

Only days and weeks ago, Nepal also witnessed further floods, landslides, and an avalanche in its mountain regions. Across the Himalayan arc, Uttarakhand has experienced similar warnings from nature from time to time, resulting in devastating debris flows and severe loss of life and damage to hydropower infrastructure. These events remain deeply etched in our professional memory. These tragedies are not simply statistics.

Behind every number is a family. Behind every damaged bridge is a community disconnected. Behind every destroyed hydropower project are livelihoods and years of investment. And behind every landslide is a message from the mountain that we must learn to read more carefully.



Let us therefore begin this symposium by remembering those who lost their lives in recent Himalayan disasters and by conveying our deepest sympathy to their families and to all affected communities. May their memory strengthen our resolve to make the Himalaya safer.

The Himalaya: A Living Geological System

The Himalaya is one of the world's youngest and most tectonically active mountain systems. Its steep slopes, active faults, fractured rocks, glaciers, rivers, and rapidly changing climatic conditions create a highly dynamic environment. Engineering geology in the Himalaya therefore cannot be limited to studying the properties of rocks and soils at an individual project site.

We have to understand the entire mountain system. A road cut can influence a slope. A slope failure can block a river. A river blockage can create a temporary lake. The sudden failure of that lake can generate a destructive flood. And infrastructure located downstream can then become vulnerable to a hazard originating many kilometres away.

The recent disasters in Nepal have demonstrated precisely this interconnected nature of Himalayan hazards. This is why the role of engineering geologists is becoming increasingly important. India and Nepal are both investing heavily in roads, tunnels, hydropower, transmission systems, bridges, tourism infrastructure, and urban development in mountainous areas.

Development is necessary. Connectivity is necessary. Energy security is necessary. But in the Himalaya, development must be compatible with geological reality. The recent events in Nepal have also highlighted a difficult scientific question: Can we detect hazardous slope and glacier processes early enough to save lives? The answer will not always be yes. Some Himalayan failures develop over months or years and may provide measurable signs of instability. Others may occur with very little warning. Therefore, our approach must combine: **Hazard mapping, monitoring, early warning, preparedness, appropriate land-use planning.**

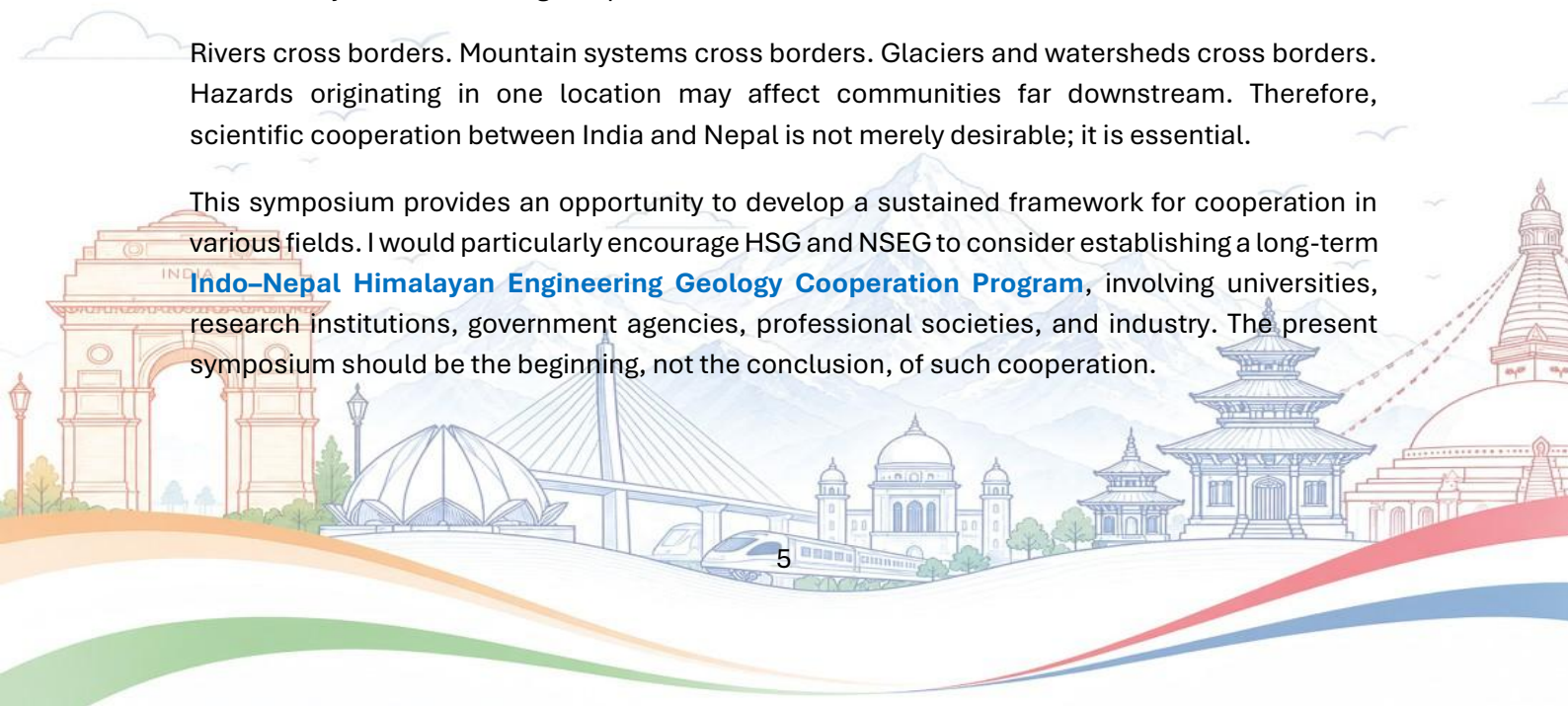
A warning is useful only when it reaches the right people, at the right time, in a form they understand, and when there is a safe place to go.

Why Indo–Nepal Cooperation Is Essential

The Himalaya does not recognize political boundaries.

Rivers cross borders. Mountain systems cross borders. Glaciers and watersheds cross borders. Hazards originating in one location may affect communities far downstream. Therefore, scientific cooperation between India and Nepal is not merely desirable; it is essential.

This symposium provides an opportunity to develop a sustained framework for cooperation in various fields. I would particularly encourage HSG and NSEG to consider establishing a long-term **Indo–Nepal Himalayan Engineering Geology Cooperation Program**, involving universities, research institutions, government agencies, professional societies, and industry. The present symposium should be the beginning, not the conclusion, of such cooperation.





Every disaster is a painful teacher

Our responsibility is to ensure that society does not pay the same price repeatedly for lessons that we have already learned.

The culture of learning from failure must become an important part of Himalayan engineering practice. I urge young researchers and professionals from India and Nepal to work together, undertake joint field studies, share datasets, publish jointly, and develop new tools for understanding mountain hazards. Let us create opportunities where a young geologist from Nepal can work with a research group in India, and where an Indian researcher can learn from the extraordinary field experience of Nepalese colleagues.

Let INJSEG 2026 become a platform for a shared Himalayan vision, a vision in which development and disaster resilience go together; in which geological knowledge informs infrastructure planning; in which modern technology complements field science; and in which the safety of mountain communities remains our first priority. May the deliberations over these two days generate new ideas, new collaborations, and, most importantly, practical solutions for a safer and more resilient Himalaya.

Long live Indo–Nepal scientific friendship! Long live Himalayan cooperation!!

Thank you! Jai Nepal! Jai Hind!

Bhaskar Datt Patni

**President
Himalayan Society of Geoscientists (HSG)**





Message from the Conveners

The First Indo–Nepal Joint Symposium on Engineering Geology

It is our great honor and privilege to welcome you all to the First Indo–Nepal Joint Symposium on Engineering Geology (INJSEG 2026), jointly organized by the Nepal Society of Engineering Geology (NSEG), Nepal, and the Himalayan Society of Geoscientists (HSG), India. The symposium will be held from 11–12 October 2026 in Kathmandu, Nepal, in conjunction with the 4th National Engineering Geology Day (NEG Day 2026).

INJSEG 2026 aims to provide a platform for the exchange of knowledge, practical experience, and innovative ideas in addressing important engineering geological and geo-hazard challenges in the Himalayan region. Nepal and India share similar geological settings and face common issues related to earthquakes, landslides, debris flows, glacial hazards, climate change, slope instability, and infrastructure development. In this context, engineering geology and geotechnical engineering have an increasingly important role in supporting safer infrastructure, disaster risk reduction, and sustainable development.

Special discussions will also focus on emerging and cascading mountain hazards, including the Rasuwa Disaster and the concept of the “Himalayan Tsunami.” These discussions will help improve our understanding of complex Himalayan hazards and contribute to better risk assessment, preparedness, and resilient infrastructure planning.

On behalf of the Organizing Committee, we warmly encourage all participants to actively engage in the technical sessions, share their experiences, and take full advantage of this platform to network and collaborate with the engineering geological and geoscientific community. Your participation and contributions will help strengthen scientific cooperation between Nepal and India and support evidence-based planning and sustainable development in the Himalayan region.

We sincerely appreciate the dedication and hard work of all geoscientists, concerned authorities, members of NSEG and HSG, organizing committee members, invited experts, supporting institutions, sponsors, partners, and volunteers. Your commitment is instrumental to the success of INJSEG 2026. Finally, we extend our best wishes for a highly successful and impactful INJSEG 2026.

Thank you.

Mr. Bhaskar Datt Patni, India

Prof. Dr. Ranjan Kumar Dahal, Nepal

Conveners, INJSEG 2026



Introduction to NSEG

The Nepal Society of Engineering Geology (**NSEG**) was established in 2018 as a non-profit professional and scientific organization working in the fields of engineering geology and geotechnical engineering. **NSEG** serves as the Nepali National Group of the International Association for Engineering Geology and the Environment (**IAEG**), and **NSEG** members are also associated with **IAEG** through the national group.

The Society brings together professionals and researchers from engineering geology, geology, geomorphology, geography, geotechnical engineering, civil engineering, disaster risk management, and related disciplines. Its main aim is to promote engineering geological knowledge through research, surveys, investigations, training, seminars, workshops, and collaboration with national and international experts. **NSEG** also provides a platform for geologists, engineers, researchers, students, and other professionals to discuss engineering geological and geotechnical challenges and contribute to sustainable development in Nepal.

NSEG regularly organizes national and international seminars, symposiums, lectures, training programs, and other scientific activities. It also supports young professionals through initiatives such as the Young Engineering Geologists group and promotes greater participation of women through its Women in Engineering Geology (**WEG**) activities.

How to become a member?

Individuals with relevant academic qualifications or professional experience in fields such as engineering geology, geology, geophysics, hydrology, mining, meteorology, geotechnical engineering, civil engineering, geography, disaster management, environmental science, and related areas may apply for regular membership. Certain bachelor-level professionals with relevant experience in engineering geology or geotechnical engineering are also eligible. New members can join **NSEG** by downloading and completing the official membership form from the **NSEG** website and submitting the completed form to nsegnepal@gmail.com. The required membership fee can be paid through the bank transfer or QR payment options provided by **NSEG**, and the payment slip should also be sent by email.

For membership details and the application form, visit the **NSEG** Membership page: <https://www.nseg.org.np/>



Introduction to HSG

The Himalayan Society of Geoscientists (HSG) is a non-profit, multidisciplinary professional society dedicated to advancing geoscience, engineering, research, education, and field-based study of the Himalayan region. The Society brings together geologists, earth scientists, engineers, researchers, academicians, industry professionals, policymakers, teachers, and students with a shared interest in understanding and addressing the complex geological and environmental challenges of the Himalaya.

Our Vision and Mission

HSG promotes research, education, innovation, and knowledge sharing across the earth sciences and engineering. Its activities focus on improving understanding of Himalayan geology and supporting disaster resilience, sustainable resource development, and evidence-based approaches for the sustainable development of the region.

The Society places particular emphasis on field-led science, encouraging members to study the rocks, geological structures, glaciers, groundwater, and other components of the Himalayan environment through direct field investigations. This approach helps connect scientific research with real-world challenges facing mountain communities and infrastructure.

Key Activities

HSG provides a platform for professional interaction and collaborative learning through:

- Geological research and field studies
- Technical workshops, seminars, and conferences
- Expert talks and member presentations
- Knowledge sharing and interdisciplinary discussions
- Collaborative research and professional networking
- Education and capacity building in geosciences and engineering

Through these activities, HSG seeks to strengthen scientific cooperation and encourage the exchange of knowledge and experience among professionals working across the Himalayan region.



Building a Himalayan Geoscience Community

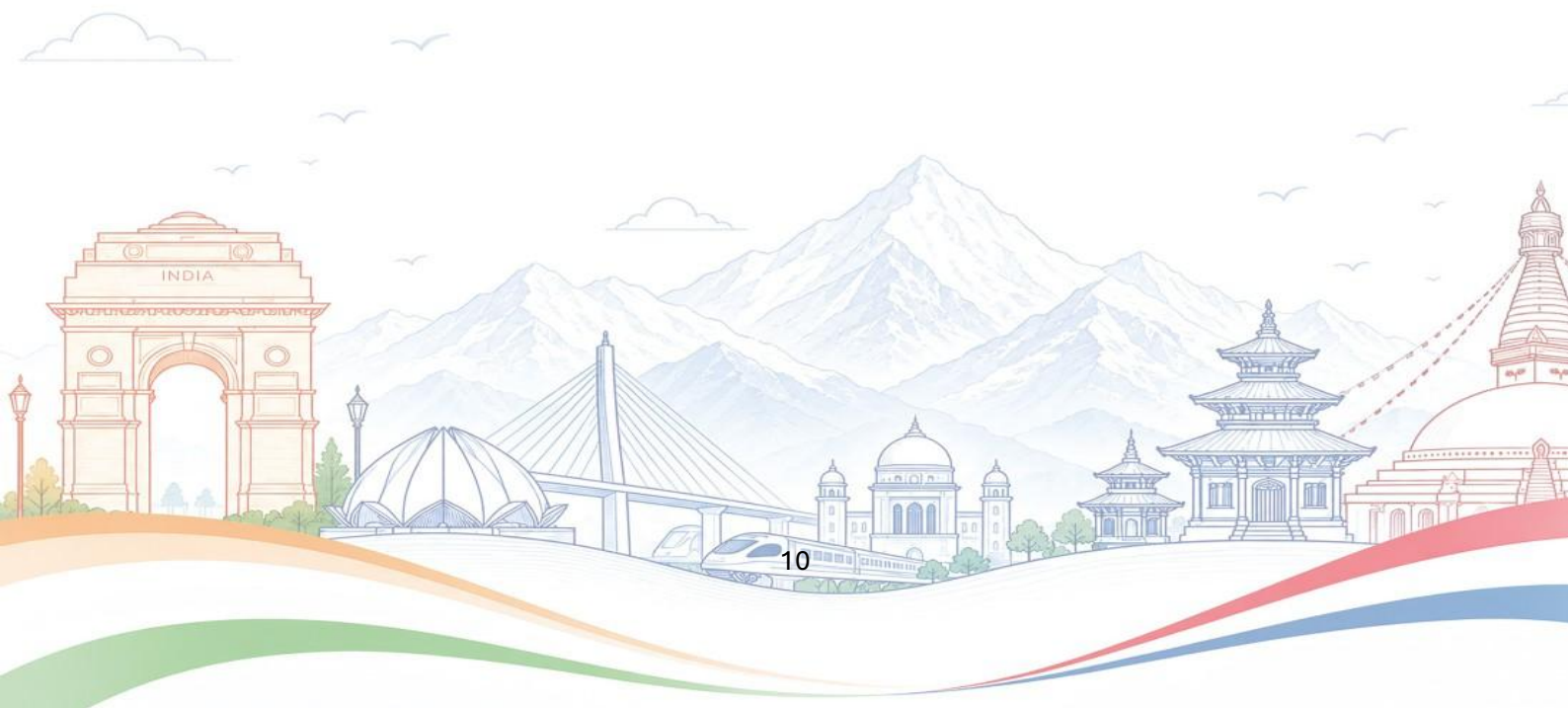
With 200+ members and associates, HSG is developing a growing professional community committed to advancing Himalayan geoscience. Membership is open to geologists, earth scientists, teachers, students, and other professionals who share an interest in the Himalaya.

The Society warmly invites Nepalese geologists, engineering geologists, researchers, academicians, students, and professionals to join HSG, contribute their expertise, participate in its activities, and strengthen regional cooperation in geoscience and engineering.

India–Nepal Collaboration

HSG's engagement with the Nepal Society of Engineering Geology (NSEG) through the First Indo–Nepal Joint Symposium on Natural Hazards and Engineering Geology of the Himalaya (INJSEG 2026) represents an important opportunity to strengthen professional relationships between India and Nepal. The two-day joint conference, scheduled for 11–12 October 2026 in Kathmandu, Nepal, provides a platform for scientists, researchers, engineers, academicians, and professionals to exchange knowledge and develop collaborative approaches to Himalayan geological and engineering challenges.

Website: www.himalayangeoscientists.org





THE FIRST INDO–NEPAL JOINT SYMPOSIUM ON NATURAL HAZARDS AND ENGINEERING GEOLOGY OF THE HIMALAYA (INJSEG 2026)

“Silent Forces of Nature and Growing Risks in the Himalayan Region”

INAUGURAL SESSION PROGRAMME

Venue: The Plaza Hotel, Pulchowk, Lalitpur, Nepal

Date: October 11, 2026,

MC: Dr. Sweata Sijapati

08:30 – 09:00	Arrival and Seating
09:00 – 09:05	Inviting Dignitaries to the Dais: Program Chair: Prof. Dr. Kumud Raj Kafle, NSEG President Chief Guest: Prof. Dr. Janardan Lamichhane, Vice Chancellor, Nepal Academy of Science and Technology (NAST) Special Guests: Prof. Dr. Shuichi Hasegawa Emeritus Professor, Kagawa University, Japan Dr. Gangalal Tuladhar, President Himalaya Conservation Group Nepal (HCGN), Former Minister of Education, Nepal Mr. Bhaskar Datt Patni, President, Himalayan Society of Geoscientists, India Dr. Dharma Raj Uprety, Chief Executive, National Disaster Risk Reduction and Management Authority (NDRRMA), Nepal Dr. Bijaya Jaisi, Director General, Department of Roads (DoR), Nepal
09:05 – 09:10	- National Anthem of Nepal - National Anthem of India
09:10 – 09:15	Welcome Remarks: Dr. Kanchan Chaulagai, Vice President, NSEG, Nepal

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09:15 – 09:20	Inauguration of INJSEG by the Chief Guest (Lighting the Panas) Inauguration for 4th NSEG Day
09:20 – 09:25	Conference Briefing by Convener Prof. Dr. Ranjan Kumar Dahal
09:25 – 09:30	Life Time Achievement Award from NSEG: To Mr. Kalyan Dev Bhattarai, for lifetime achievement award in recognition of his continuous contribution in the field of engineering geology, presented by Chief Guest and President, NSEG
09:30 – 09:35	Life Time Achievement Award from HSG (announcement by Mr. Bhaskar Datt Patni, President of HSG). To Mr. Rajesh B. Patil, Mr. Rahul U Vasaikar, Mr. Rakesh R. Sonawane, and Mr. K. Anil Kumar in recognition of their continuous contribution in the field of engineering geology, presented by Chief Guest and President, HSG
09:35 – 09:45	Presidential address by Mr. Bhaskar Datt Patni, President of HSG and Convener
09:45 – 09:50	Remarks by Dr. Dharma Raj Uprety
09:50 – 09:55	Remarks by Dr. Bijaya Jaisi
09:55– 10:00	Remarks by Dr. Gangalal Tuladhar
10:00– 10:05	Remarks by Prof. Dr. Shuichi Hasegawa
10:05– 10:10	Remarks by the Chief Guest Prof. Dr. Janardan Lamichhane
10:10 – 10:15	Vote of Thanks: By the Chair of the Program Prof. Dr. Kumud Raj Kafle (Conclusion of the Inaugural Session)
10:15-10:45	Tea Break and Networking





The First Indo–Nepal Joint Symposium on Natural Hazards and Engineering Geology of the Himalaya (INJSEG 2026)

TECHNICAL PROGRAM – Day 1 (October 11, 2026)

Silent Forces of Nature and Growing Risks in the Himalayan Region

DAY 1 (11 October 2026)

Time	Session/Program/ Theme/Speakers	
10:45–12:45	KEYNOTE SESSION Keynote Lectures: Himalayan Hazards and Engineering Geology Chair: Prof. Dr. Dinesh Pathak, (HoD Central Dept. of Geology, Tribhuvan University), Co-Chair: Mr. Krishna Kumar Pandey, HSG Rapporteur: Mr. Anil Chaudhary, NSEG	
10:45-11:15	Prof. Dr. Shuichi Hasegawa	Possible geological cause of rock-ice avalanche on Langtang Lirung and "Geopark" approach to devastating disasters in Japan
11:15-11:45	Mr. Bhaskar Datt Patni	Unforeseen Disasters in the Himalayan Belt: Emerging Hazards Beyond Conventional Design Considerations
11:45-12:15	Dr. Subeg Man Bijukchhen	Characterizing the Heterogeneous Seismic Site Response of Kathmandu Basin Sediments
12:15-12:45	Prof. Dr. Koichi Hayashi	Application of Active and Passive Surface Wave Methods to Landslide Areas
12:45–13:45	Lunch Break	
13:45–15:45	SPECIAL SESSION Himalayan Tsunami: Cascading Mountain Hazards, River Transformation and Downstream Impacts in the Perspectives of Engineering Geology Chair: Dr. Gangalal Tuladhar, Co-chair: Mr. Amitabh Sharan Rapporteur: Dr. Sanjeev Regmi	

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Time	Session/Program/ Theme/Speakers	
13:45-14:15	Dr. Kanchan Chaulagai Keynote	Rethinking Hydropower Tunnel Design in the Nepal Himalaya After Extreme Flood, GLOF, and Debris-Flow Events: Lessons from the Rasuwa Disaster
14:15-14:45	Prof. Dr. Quentin Zhong Qi Yue Distinguished Speaker	The highly pressurized natural gas in underground for the cause of earthquakes, huge rock landslides and ice-rock avalanches
14:45-14:55	Gold Sponsor Presentation	 Dextra Presentation by Dextra India
14:55-15:10	Er. Uday Raj Neupane Invited Speaker	Rasuwa 2026 Flood Disaster: Field Experience, Rescue Challenges, and Lessons Learn from Upper Trishuli 3A and Chilime Hydropower Projects
15:10-15:25	Mr. Ujjwal Upadhayay Invited Speaker	When the Bhotekoshi Broke: Unraveling the Climate-Geohazard Nexus of a Himalayan Flood.
15:25-15:40	Er. Saujanya Nepal Invited Speaker	Restoring Critical Road Connectivity under Severe Access Constraints: Lessons from the 2026 Trishuli-Bhotekoshi Disaster, Nepal
15:40-15:55	Dr. Dhiraj Pradhananga Invited Speaker	Climate Preconditioning and Catastrophic Slope Failure in High Mountain Asia: A Multiscale Reanalysis, Energy Budget, and Geomorphic Assessment of the 2026 Langtang-Liung Event
15:55-16:05	Dr. Prakash Pokharel Invited Speaker	Rasuwa Bhotekoshi Flood 2026: Reconstruction of the Event and Rapid Damage and Needs Assessment
16:05–16:30	Tea Break – Poster Session and Networking	
16:30 – 17:45	Panel Discussion From Silent Forces to Growing Risks: What Should Himalayan Nations Do Now? Moderator: Prof. Dr. Ranjan Kumar Dahal, Founding President NSEG Rapporteur: Mr. Ujjwal Krishna Raghubansha, General Secretary NSEG and Mr. Nirmal Kafle, Khwopa Engineering College	
	1. Prof. Dr. Shuichi Hasegawa, Emeritus Professor, Kagawa University, Japan 2. Prof. Dr. Quentin Zhong Qi Yue, School of Science, Harbin Institute of Technology Shenzhen, China 3. Dr. Gangalal Tuladhar, Nepal, Ex- Minister for Education, Nepal 4. Mr. Bhaskar Datt Patni, President Himalayan Society of Geoscientists, India 5. Dr. Dharma Raj Uprety, CEO, NDRRMA, Nepal 6. Mr. Kinzang Lhendup, Construction Development Corporation limited (CDCL), Bhutan	
17:45–18:15	Break for Management	
18:15–21:30	Welcome Reception and Networking Dinner	



The First Indo–Nepal Joint Symposium on Natural Hazards and Engineering Geology of the Himalaya (INJSEG 2026)

TECHNICAL PROGRAM – Day 2 (October 12, 2026)

Silent Forces of Nature and Growing Risks in the Himalayan Region

DAY 2 (12 October 2026)

Time	Session/Program/ Theme/Speakers	
08:30–10:00	KEYNOTE SESSION Keynote Lectures: Engineering geology and Earthquake Chair: Dr. Dhundi Raj Pathak, Co-chair: Dr. Kanchan Chaulagai Rapporteur: Ms. Indira Siwakoti	
08:30–9:00	Dr. Bhavesh Pandey	Earthquake Early Warning and Its Relevance for Himalayan region
09:00–09:30	Dr. Manita Timilsina	Geoengineering in landslides mitigation experiences from Nepal Himalayas
09:30–10:00	Dr. Sharada Prasad Pradhan	From Hill Cutting to Landslide: Understanding Failure of Himalayan Road Slope
10:00–10:30	Tea Break – Poster Session and Networking	
10:30–12:30	TECHNICAL SESSION- I Technical Presentations: Landslides, Glacial Hazards, Floods and Risk Assessment Chair: Prof. Dr. Hari Krishna Shrestha, Co-chair: Dr. Sarada Prasad Pradhan Rapporteur: Praveen Upadhyaya Kandel	
10:30–10:45	Mahendra Singh	Engineering with cut rock slopes on highways: Geotechnical perspective
10:45–11:00	Rabindra Bahadur Thapa	Glacial Hazards, Sediment Dynamics and Climate Change Impacts on River Basin of Nepal.
11:00–11:15	Turjoy Barua Sumit	Intensity Assessment and Seismotectonic Causes of Historical Earthquakes in Bangladesh and Surrounding Areas



Time	Session/Program/ Theme/Speakers	
11:15–11:30	Prakash Luitel	Unusual Near Surface Geohazards in Nepal: Case studies from Gairigaun, Hetauda and Hupsekot
11:30–11:45	Nirmal Kafle	Influence of DEM Resolution on Geomorphometric Representation, Explainable Artificial Intelligence and Temporal Transferability of Machine Learning Models for Landslide Susceptibility Mapping in the Nepal Himalaya
11:45–12:00	Arvind Kumar Gonda	Stochastic Finite Faulted Ground-Motion Simulation Incorporating Slip Effect and Time Duration
12:00–12:15	Amitabh Sharan	Understanding nature in view of developmental activities in the Himalayan region - a case study
12:15–12:30	Dhurba Tiwari	Integrated Geotechnical and Groundwater Characterization, Static and Pseudo-Static Stability Analysis, and Evaluation of Proposed Mitigation Measures at the Kodari Landslide, Nepal
12:30–13:30	Lunch Break	
13:30–16:00	TECHNICAL SESSION-II Technical Presentations: Infrastructure Resilience, Monitoring, Early Warning and Slope Stability, Emergency Response Chair: Prof. Dr. Mahendra Singh, Co-chair: Dr. Shrijan Bahadur Malla Rapporteur: Dhurba Tiwari	
13:30–13:45	Recorded presentations from Platinum/Silver Sponsors	
13:45–14:00	Sanjeev Regmi	Consequences of slope stability issues and mitigating strategies in hydropower projects of Nepal from the perspectives of Rasuwa Flashflood
14:00–14:15	Subit Chhetri	Discrepancies Between Predicted and Actual Rock Mass Conditions in Himalayan Tunnelling: Lessons from the Upper Trishuli 3B Project, Nepal
14:15–14:30	Nimay Jindal	Practical lessons from dam-break assessment: a case study of larji hydroelectric project, Himachal Pradesh, India
14:30–14:45	Shrijan Bahadur Malla	Comparative study of emergency preparedness and response capacity across three tiers of the government in Nepal
14:45–15:00	Samyog Khanal	Engineering Geological evaluation of the Krishna Bhir Landslide, Benighat Rorang, Dhading District, after the 2026 Rasuwa Flood
15:00–15:15	Ujjwal Krishna Raghubansha	Engineering Geological Assessment of Slope Stability Issues for Bridge Sites in the Central Nepal Himalaya
15:15–15:30	Junu Adhikari	Wetting-Induced Collapse Characteristics of Silty Sand Matrix from the Kodari Landslide, Nepal
15:30–15:45	Praveen Upadhyaya Kandel	Low-Cost Landslide Mitigation Measures for Roadside Slopes: A Case Study of Jamunedanda, Pyuthan, Nepal
15:45–16:00	Anupama Marahatta	Rainfall Threshold for Landslide Initiation in Gorkha District, Central Nepal
16:00 –16:10	Aagaman Aaganja	Kinematic and Numerical Stability Analysis of Landslide-Prone Slopes Selected from Susceptibility Mapping along the Malekhu–Mugling Section of Prithvi Highway, Nepal



Time	Session/Program/ Theme/Speakers	
16:10-16:20	Sristi Adhikari	Spatiotemporal Analysis of Forest Fire Occurrence and NDVI-Based Vegetation Recovery in the Terai Arc Landscape (Tal), Nepal
16:20-16:30	Rabin Rachalica	Reading Urban Ground Instability Through Traditional Water Infrastructure: Evidence from Historic Bhaktapur, Nepal
16:30–16:50	Tea Break	Refreshments and Poster Session

16:50–17:40	CLOSING CEREMONY Concluding Remarks • Key Outcomes • Award and certificate distribution • MoU Signing • Way Forward • Vote of Thanks <i>MC: Dr. Sweata Sijapati</i>	
16:50 – 16:55	Inviting Dignitaries to the Dais: Program Chair: Prof. Dr. Kumud Raj Kafle, NSEG President Special Guest: Mr. Dinesh Kumar Napit, Director General, Department of Mines and Geology, Government of Nepal Dignitaries: Convener: Mr. Bhaskar Datt Patni, President, HSG, India Convener: Prof. Dr. Ranjan Kumar Dahal, Founding President, NSEG General Secretary of HSG: Mr. Krishna Kumar Pandey General Secretary of NSEG: Mr. Ujjwal Krishna Raghubansha	
16:55 – 17:00	Symposium brief report by conveners: Mr. Bhaskar Datt Patni and Prof. Dr. Ranjan Kumar Dahal	
17:00 – 17:10	Award distribution from NSEG and certificate distribution to Volunteers and Sponsors	
17:10 – 17:12	Announcement of winner of NSEG Australia Thesis Grant (By Dr. Kanchan Chaulagain, Vice President, NSEG)	
17:12 – 17:15	MoU Signing Ceremony between NSEG and HSG for Regular Organization of the Indo–Nepal Symposium on Engineering Geology in India and Nepal (by Prof. Dr. Kumud Raj Kafle, NSEG President and Mr. Bhaskar Datt Patni, President, HSG, India)	
17:15 – 17:25	Remarks by Special Guest Mr. Dinesh Kumar Napit, Director General, DMG Nepal	
17:25 – 17:30	Vote of Thanks by Mr. Krishna Kumar Pandey, General Secretary, HSG	
17:30 – 17:35	Vote of Thanks by Mr. Ujjwal Krishna Raghubansha, General Secretary, NSEG	
17:35 – 17:40	Concluding Remarks by the Chair of the Program Prof. Dr. Kumud Raj Kafle (Conclusion of the First Indo Nepal-Symposium)	



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Poster session

Please visit in Tea Breaks

Poster 1	Rheological Modeling and Flow Dynamics for the Bhotekoshi River Corridor Ram Chandra Tiwari, Aanchal Tiwari, Aayam Tiwari
Poster 2	Integrated Geological, Geochemical, and Reserve Estimation of the Gwani Talc Deposit, Darchula, Nepal Samina Khatun, Dhurba Tiwari, Praveen Upadhyaya Kandel, Ranjan Kumar Dahal
Poster 3	Paradigm Shift in Mountain Disaster Management: Critical Appraisal of Transboundary Mountain Tsunamis, Subsurface Tunnel Entrapments, and Buried Settlement Recovery Ram Chandra Tiwari, Aanchal Tiwari, Aayam Tiwari
Poster 4	Integrated Engineering Geological and Geotechnical Assessment, Slope Stability Analysis at the Nigalo Boutique Resort Landslide, Nagarkot, Nepal Arpana Sadaula, Manita Timilsina and Dhurba Tiwari

Program timings may be adjusted slightly to accommodate speakers and session transitions.

Please register and submit your presentations to registration counter before the session starts.





Organizing team

Symposium Convener (India) : Mr. Bhaskar Datt Patni

Symposium Convener (Nepal) : Prof. Dr. Ranjan Kumar Dahal

Co-Conveners:

Dr. Kanchan Chaulagai, Nepal

Mr. Ujjwal Krishna Raghubansha, Nepal

Dr. Sarada Prasad Pradhan, India

Dr. Krishna Kumar Pandey, India

Advisor: Prof. Dr. Kumud Raj Kafle, Nepal

Secretariat Coordinator: Dr. Manita Timilsina, Nepal

Symposium Management: Dr. Sunam Kumar Sharma, Nepal

Secretariat Team:

Dr. Sanjeev Regmi

Mr. Anil Chaudhary

Mr. Dhurba Tiwari

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