

11th Asian Regional Conference of IAEG
on
Engineering Geology for Geodisaster Management

28–30 November 2017

Kathmandu, Nepal



Third Circular

(Release on 2017/05/27)





The 11th Asian Regional Conference (ARC-11) of IAEG
November 28-30, 2017
"Engineering Geology for Geodisaster Management"

Background

Engineering geology and geodisaster management are intimately linked with each other and it is a challenge to develop infrastructures without adversely impacting surrounding environment. The circumstances become even more complex if the region is frequented by large earthquakes, floods, debris flows, and landslides. Climate change, land use alterations, population growth, mass migration, and urbanisation are some of the pertinent issues to be dealt with by the engineering geologists of the twenty-first century.

Nepal is resplendently located at the heart of the 2400 km-long Himalayan arc and the country can be defined as the natural museum of every kind of geodisaster. In this regard, the Mw 7.8 Gorkha Earthquake of 25 April 2015 is the latest example. The tremor hit central Nepal and brought about 9000 deaths and many thousands of injuries. The total economic loss by the quake exceeded US\$ 6 billion. It is estimated that the reconstruction and recovery phase will last for more than 5 years. Now, Nepal is in the reconstruction phase and many engineering geological issues are not discussed well among the practitioners and researchers. It was noticed that bridging between practitioners and researchers for engineering geological evaluation is arduous and reconstruction activities have already started without proper understanding of engineering geological settings of the terrain.

The Nepal Geological Society was founded in 1980, and since then it has organised various national and international workshops, symposia, and conferences. It conducts geological congress regularly and the recent one was the Eighth Nepal Geological Congress held during 27-29 November 2016 in Kathmandu. The Society has also successfully conducted the Himalaya–Karakoram–Tibet Workshops.

For last 50 years, the International Association for Engineering Geology and Environment (IAEG) has been bringing together all engineering geological professionals and researchers into a single forum through various regional and international conferences. Such congregations are serving excellently not only to enhance the skills and knowledge of engineering geology, but to promote as well many national groups around the globe. The Nepal Geological Society also has a long history of affiliation with the IAEG and is assisting it by conducting various conferences and meetings, including the IAEG international symposium in 1999 and IAEG conference in 2005. The 1999 and 2005 events were attended by 419 and 209 geoscientists from 34 and 22 countries, respectively.

IAEG ARC-11

With the above background of successfully conducting many national and international gatherings, the Nepal Geological Society, along with its partner organisations in Nepal, is going to organise the Eleventh IAEG Asian Regional Conference (ARC-11) in Kathmandu, Nepal, on 28–30 November 2017. Apart from the conference, there will be five field excursions in various parts of the country to give first-hand information to the delegates of the engineering geological challenges in the Himalayan region.

Though such international meetings have been instrumental to the advancement of engineering geology in Asia, geoscientists and engineers around the globe have contributed and also benefited from such Asian Regional Conferences of IAEG. Hence, we are confident that the forthcoming event is going to be yet another building block to enhance the geo-engineering knowledge and to understand further the engineering geology in this part of the globe. This is the third time that an IAEG conference is going to be held in Nepal - a popular destination for geo-scientists and tourists. The conference will be an opportunity to all geoscientists and engineers for congenial discussions and sharing of new research findings in the field of engineering geology and geodisasters.





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After the circulation of the First Circular on ARC-11, the Nepal Geological Society has received an overwhelming response from geoscientists around the globe. Hence, this event will certainly be another milestone in the history of Asian Regional Conference.

Venue

The IAEG ARC-11 will take place in Kathmandu, an important historic city and the capital of Nepal. With an estimated population of about four million, Kathmandu is the largest metropolis in Nepal. Lalitpur and Bhaktapur are neighbouring cities of Kathmandu, and all of them are located within the Kathmandu Valley. The Kathmandu Valley has historically important cultural monuments that attract millions of international and domestic tourists every year. At an average altitude of 1300 m, the Kathmandu Valley is filled up with ancient lake sediments that at their deepest point are about 550 m thick. All the major events of IAEG ARC-11 will be held in Kathmandu, while the field excursions will be held in various parts of the Nepal.

Conference format

Following the past formats of the IAEG ARC, thematic oral and poster sessions have been planned within a single venue. Parallel sessions will be provided for various sub-themes in order to provide all participants an opportunity to present from all presentations.

Conference excursions

To provide an opportunity particularly to all international participants, the conference program has been planned to include four field programs as follows.

Pre-conference tour

Ex-1: A full day historical monument and geomorphological tour of Kathmandu Valley.

2017/11/27, 8:00 AM – Departure from Hotel

2017/11/27, 9:00 AM – Arrival at Changunarayan Hills, Observation of Geomorphological settings of The Chagunarayan Hill and Kathmandu valley.

2017/11/27, 11:00 AM - Arrival at Bhaktapur City. Observation of ongoing earthquake reconstruction works in heritage site. Evaluation of Nyatapol Temple which was survived in the 2015 Gorkha Earthquake.

2017/11/27, 12:00 AM - Typical Nepali style lunch at Bhaktapur Darbar Square area.

2017/11/27, 2:15 PM – Arrival at Swayambhu Hill. Observation of earthquake reconstruction works and effects of creep landslide in and around Swayambhu Hill. Evaluation of engineering geological settings of World Heritage site.

2017/11/27, 4:00 PM – Arrival at Pashupatinath Temple, observation of Hindu temple and cremation culture of Hindu. Observation of creep landslide problems in the temple area. Discussion on engineering geology of the Pashupati Temple area which was survived in the 2015 Gorkha Earthquake.





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2017/11/27, 6:30 PM – Arrival at Hotel Yak and Yeti.

Excursion coordinator: Dr. Ananta Gajurel

Excursion Fee: **US\$85.00**

(*includes all entrance fee, transportation and lunch. Minimum number of participants required for this tour is *12 persons*)



Kathmandu - city of temples and World Heritages



Kathmandu City

World Heritage site, Kathmandu city

Post-conference excursions

Ex-2: Kathmandu-Pokhara roadside slope protection work and Pokhara Valley tour (three-day)

Excursion two (Ex-2) is basically a field excursion tour on the first day and partly on second day. Kathmandu-Pokhara roadway is about 200 km, but in Nepal it takes about six hours to travel this distance at an average speed of 40 km/h. So, on the first day, we will see a few landslide sites on the way to Pokhara, and on the second day, we will go to an area in Pokhara valley and observe geology of the Pokhara valley. In Pokhara, especially in the morning time, we can see marvelous panoramic view of the Annapurna Range of the Himalaya, and also take a pleasure flight on an ultralight plane for 30 minutes to one hour. You may stay longer in Pokhara if you wish, but you will have to notify us of your plan so that we can book your return air ticket to Kathmandu appropriately. The schedule basically is as follows.





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Day 1

2017/12/01, 08:00 AM: Depart from the symposium venue hotel (Hotel Yak & Yeti), we will see few landslide sites in a stretch of about 60 km, after about 40 km west of Kathmandu

2017/12/01, 1:00 PM: Lunch (Riverside Spring Resort, Kurintar, about 90 km from Kathmandu)

2017/12/01, 2:00 PM: Head towards Pokhara and observations of few sites of mitigation

2017/12/01, 5:30 PM: Arrive at Pokhara, Hotel at lakeside, free time at evening.

Day 2

2017/12/02, 7:00AM to 09:00 AM: Free time and breakfast in the Hotel.

2017/12/02, 09:30 AM Depart to observe engineering geology of Pokhara valley; in and around Pokhara valley. Four to six sites will be visited. Nepali Style Lunch will be served at nearby restaurant.

2017/12/02, 05:30 AM Arrival back to Hotel and free time.

Day 3

2017/12/03, 6:00 AM Arrival at World Peace Pagoda and observation of Annapurna Range

2017/12/03, 8:00 AM Arrival at Hotel and breakfast

2017/12/03, 10:00 AM onwards, return by road in same bus and drop in Hotel Yak and Yeti or return by air to Kathmandu (optional, need extra US\$ 122.00)

Excursion coordinator: Dr. Ranjan Kumar Dahal

Supporting Colleague: Roshan Raj Bhattarai

Excursion Fee: **US\$320**

(*includes all entrance fee, transportation, 2-night hotel accommodation, 3 breakfasts and 2 lunches. Minimum number of participants required for this tour is *12 persons*)

Please note: The fee does not include airfare from Pokhara to Kathmandu & dinner. Extra cost for airfare from Pokhara to Kathmandu is US\$ 122.00 for foreign participants. Participants can contact official travel agents for detail of booking of air tickets from Pokhara to Kathmandu.



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Pokhara - city of lakes and mountains

Ex-3: The 2015 Gorkha Earthquake Epicentre area visit (two-day)

Two days long excursion is planned to observe damages and recovery in the 2015 Gorkha Earthquake Epicentre area.

Day 1

2017/12/01, 08:00 AM: Depart from the conference venue hotel (Hotel Yak & Yeti)

2017/12/01, 11:30 PM: Lunch at Gorkha

2017/12/01, 5:00 PM: Arrival at Barpak village and stay at local hotels

Day 2

2017/12/02, 7:00 AM: Free time for morning walk and tour of village. Observation of reconstruction works.

2017/12/02, 09:30 AM to 2:30 PM: Observation of earthquake induced landslides and damages in and around Barpak. Few sites will be observed. Nepali style lunch will be served at nearby restaurant.

2017/12/02, 09:00 PM Arrival back to Hotel Yak and Yeti Hotel, Kathmandu.

Excursion coordinator: Dr. Danda Pani Adhikari

Supporting Colleagues: Mr. Mukunda Poudel

Excursion Fee: **US\$275.00**

(*includes all entrance fee, transportation, 1 night hotel accommodation, 1 breakfast, 1 dinner and 2 lunches, Minimum number of participants required for this tour is 8 persons and only 30 seats available)



Ex-4: Arniko Highway – China Border and observation of landslides, floods and slope protection works (two-day)

Excursion four (Ex-4) is two-day tour to China Border at north-east of Kathmandu. This excursion will give an excellent chance to observe low-cost road side slope mitigation works, earthquake induced landslide, recent landslide dam, earthquake damaged towns, Nepal-China Border, tunnelling works in Nepalese hydropower projects and rock fall mitigation works. The excursion team will stay at typical resort situated at left bank of the Bhotekoshi River. The resort has bungee jumping facility also for those who want adventurous trip in the Himalayan river valley.

Day 1

2017/12/01, 8:00 AM: Depart from the conference venue hotel (Hotel Yak & Yeti)

2017/12/01, 9:30 AM: Arrival at Dhulikhel, Khawa and observation of road side slope protection work in a landslide zone.

2017/12/01, 11:00 AM: Arrive at the Jure landslide area and spend some 1.5 hours in observational survey.

2017/12/01, 12:30 PM: Lunch time and it will be served in packets.

2017/12/01, 2:30 PM: Arrival at Middle Bhotekoshi Hydropower Project and Observation of tunnel and powerhouse sites

2017/12/01, 5:30 Arrive at The Last Resort, night stay in tents.



Bunjee jumping in Bhotekhoshi River at Last Resort

Day 2

2017/12/02, 9:00 Arrival at Friendship Bridge of Nepal-China Border

1. 2017/12/02, 10:00 to 11:30 AM: Observation of earthquake and flash flood related damages.

2017/12/02, 12:00 AM: Arrival at Upper Bhotekoshi Hydropower Project and observation of Rockfall protection works.

2017/12/02, 1:00 PM: Lunch at The Last Resort.

2017/12/02, 4:00 PM: Arrival at Dhulikhel Resort and Observation of Midland topography and Himalaya panorama



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2017/12/02, 7:00 PM: Arrive back at Hotel Yak & Yeti

Excursion coordinator: Mr. Lila Nath Rimal

Supporting Colleague: Dr. Manita Timilsina

Excursion Fee: **US\$250.00**

(*includes all entrance fees, transportation, 1 night resort accommodation in shared tent, 1 breakfast, 1 dinner, 2 lunches, Minimum number of participants required for this tour is 12 persons)

Ex-5: Japan Society of Engineering Geology (JSEG) Special Excursion (three days) - Gorkha and Pokhara Area including Kathmandu-Pokhara roadside slope mitigation

Japan Society of Engineering Geology (JSEG) is organizing a special excursion and it is excursion five (Ex-5). This excursion is planned as per the special arrangement of JSEG and the organizing committee of ARC-11 is very happy to support JSEG to manage the excursion.

This excursion will be operated both English and Japanese and all participants are welcomed to participate. This excursion includes merged programs of Ex-3 and Ex-4.

Day 1

2017/12/01, 7:30: Departure from the conference venue hotel (Hotel Yak & Yeti).

2017/12/01, 8:30: Stop 1 (Nagdhunga): Observation of topography and geology of Naubise –Thankot
Road tunnel alignment

2017/12/01, 9:30: Stop 2 (Dharke): Huge debris flow in 1993.

2017/12/01, 11:30: Stop 3 (Krishnabhir): Relation between rainfall induced landslide and large-scale deep seated landslide.

2017/12/01, 12:00: Stop 5: Lunch at River Side Spring Resort

2017/12/01, 14:30 Stop 6: (Gorkha Palace) Damage caused by the 2016 Gorkha Earthquake and reconstruction works.

2017/12/01, 18:30: Arrival at hotel in Pokhara

2017/12/01, 19:00-21:00 Dinner

Day 2

2017/12/02, 6:00: Departure from Hotel

2017/12/02, 6:30-7:30; Stop 7 (World Peace Pagoda) Pokhara Valley and Annapurna Range

2017/12/02, 8:00-9:00 Breakfast at hotel.

2017/12/02, 9:00: Departure from hotel.

2017/12/02, 9:30-11:30 Stop 8: To Kharapani and hot water spring

2017/12/02, 12:00-12:30 Stop 10: Armala area to observe sink hole problems

2017/12/02, 13:00: Lunch at Japanese Restaurant, Lake side, Pokhara.

2017/12/02, 14:00: Optional for those who has flight on December 3 noon: return by air to Kathmandu.



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2017/12/02, 14:30 Stop 12: Davis fall and Gupteswor area

2017/12/02, 16:30 Arrival at hotel and free time

2017/12/02, 19:00-21:00 Dinner at Lakeside

Day 3

2017/12/03, 8:00 Departure from hotel

2017/12/03, 9:00-12:00 Morning flight from Pokhara to KTM (optional, need extra US\$ 122.00)

2017/12/03, 14:00 Arrive back at Hotel Yak & Yeti and free time for shopping or participant can catch their flights back to their countries.

Excursion coordinator: Prof. Dr. Shuichi Hasegawa

Supporting colleagues: Mr. Om Pradhan

Excursion Fee: **US\$340.00**

(*includes all entrance fees, transportation, 2-night hotel accommodation, 3 breakfasts, 2 lunches. Minimum number of participants required for this tour is *12 persons*).

Please note: The fee does not include airfare from Pokhara to Kathmandu & dinner. Extra cost for airfare from Pokhara to Kathmandu is US\$ 122.00 for foreign participants. Participants can contact official travel agents for detail of booking of air tickets from Pokhara to Kathmandu.

Important dates

15 January 2017: Conference 2nd circular releases and abstract submission (online submission) starts

15 Mar 2017: Conference 3rd circular releases and Conference "Early Bird" registrations starts

15 July 2017: An "Early Bird" registration closes and discounted registration process starts

15 Aug 2017: 'Discounted' registrations close and standard registrations open with release of 4th circular

30 Sept 2017: Abstract submission deadline

15 Oct 2017: Field excursion booking closes

15 Nov 2017: Conference final program and standard online registration closes

27 Nov 2017: Conference on site registration (only cash payment) starts



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Conference Plan

The ARC-11 is going to be a special event for IAEG. In this conference, executive and council meetings of IAEG will be held in Kathmandu before the main events. There will be Hans Cloos Lectures of IAEG also in the first day of ARC-11. There will be four parallel technical sessions as per the expected number of submitted abstracts.

Time	Date																	
	24-Nov	25-Nov	26-Nov	27-Nov	28-Nov				29-Nov				30-Nov	1-Dec	2-Dec	3-Dec		
8:00				Registration - on site														
9:00	Executive Meeting of IAEG - 1st day	REGISTRATION - on site	Executive Meeting of IAEG - 2nd day	REGISTRATION - on site	Council Meeting	REGISTRATION - on site	Inauguration and Award Ceremony of IAEG				Keynote Lecture-4		Keynote Lecture-5		Keynote Lecture-8		Keynote Lecture-9	
10:00							Hans Cloos Lecture				Keynote Lecture-6		Keynote Lecture-7		Keynote Lecture-10		Keynote Lecture-11	
11:00							Keynote Lecture- 1				Technical Session-9 (Parallel)	Technical Session-10 (Parallel)	Technical Session-11 (Parallel)	Technical Session-12 (Parallel)	Technical Session-21 (Parallel)	Technical Session-22 (Parallel)	Technical Session-23 (Parallel)	Technical Session-24 (Parallel)
12:00							Keynote Lecture- 2				Lunch				Lunch			
13:00				Pre-Conference Excursion (Ex-1)														
14:00					Technical Session-1 (Parallel)	Technical Session-2 (Parallel)	Technical Session-3 (Parallel)	Technical Session-4 (Parallel)	Technical Session-13 (Parallel)	Technical Session-14 (Parallel)	Technical Session-15 (Parallel)	Technical Session-16 (Parallel)	Technical Session-25 (Parallel)	Technical Session-26 (Parallel)	Technical Session-27 (Parallel)	Technical Session-28 (Parallel)		
15:00					Tea/ Coffee Break				Tea/ Coffee Break				Tea/ Coffee Break					
16:00					Technical Session-5 (Parallel)	Technical Session-6 (Parallel)	Technical Session-7 (Parallel)	Technical Session-8 (Parallel)	Technical Session-17 (Parallel)	Technical Session-18 (Parallel)	Technical Session-19 (Parallel)	Technical Session-20 (Parallel)	Technical Session-29 (Parallel)	Technical Session-30 (Parallel)	Technical Session-31 (Parallel)	Technical Session-32 (Parallel)		
17:00					Free Time				Free Time				Closing Session					
18:00					Welcome Reception													
19:00	Dinner - Executive members																	
20:00	Dinner - Executive members																	
21:00	Dinner - Council members																	
					Post-Conference Excursion (Ex-2, Ex-3, Ex-4, Ex-5)													
					Post-Conference Excursion (Ex-2, Ex-3, Ex-5)													
					Post-Conference Excursion (Ex-2, Ex-5)													

Special Programs

Soil and rock logging course

The Conference organizers are planning to hold a one day course on Soil and Rock Logging. The course will aim to educate geotechnical engineers, engineering geologists, and other relevant professionals in the fundamental principles involved in logging and/or interpreting soil and rock logs in accordance with National and International Standards for soil and rock description.

The course consists of a series of presentations from an experienced Engineering Geologist, Dr Fred Baynes from Australia, followed by a hands-on practical session where course participants will work in small groups to log a range of real soil samples and rock cores under the guidance and instruction of experienced industry professionals. Upon completion of the logging exercises, the work of the participants will be reviewed in a group forum and the details that may be observed in each sample will be described and discussed.

Venue and participation procedure will be announced later. If you are interested to the course, please write email to rkdahal@gmail.com.





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Special Lectures

The organizing committee has requested to Prof. Dr. Martin Culshaw for a special short course on “**How to write scientific paper?**” during the conference. We feel very honored that he has agreed on our request. He will deliver max 1 h lecture on the topic followed by Q and A session of 30 min. This course will be conducted during the conference on September 29. The venue hall and time for the course will be announced later.

Young Engineering Geologists Event

The International Association for Engineering Geology and the Environment invites all members under 40 years of age to attend the ARC-11 Young Engineering Geologists event in Kathmandu on the 27th of November 2017.

The event will take place on the afternoon of the pre-conference excursion, and will include short technical talks, a question-answer session with an expert panel, refreshments and an ice-breaker evening. All young members are welcome to attend regardless of participation. The event is free, but numbers are limited. Please register your attendance as soon as possible, and no later than the 29th of September. To register please email your completed form to yegevents2017@gmail.com.

If you wish to participate by giving a technical presentation, please submit your abstract by the 25th of August. Abstracts should be submitted using the provided registration form, and emailed to yegevents2017@gmail.com. A prize will be awarded for the best technical talk!

There is no specific theme for technical talks, but should be related to IAEG interests. Submitted abstracts should be no more than 350 words.

Note: If you wish to attend the pre-conference excursion there will be a tour bus ready to deliver you back to the YEG event venue after the excursion lunch.

You can download registration form for YEG event from here: <http://iaegarc11ngs.com/pdf/YEGForm.docx>.

Online Registration and Registration fee

All interested participants are requested to fill registration form available in the conference website (www.iaegarc11ngs.com). The early bird registration fee payment will be started from 15 March 2017. Registration fee will cover conference kits (bag, abstract volume, program booklet, and stationery), a reception dinner, conference lunches, and tea/coffee during the session break. It does not cover the cost of other dinners and hotel accommodations.

The details of registration fee are given below. Field excursion fees will be provided after 15 March 2016. The Conference organising committee is planning for online payment and bank transfer system. Detail platform will be provided later.





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Category	Timeline		
	March 15 - July 15, 2017, "Early Bird"	July 16 - August 15, 2017	After August 15, 2017
Foreign participants	US\$ 450	US \$ 500	US\$ 550
Accompanying persons of foreign participants	US\$ 250	US \$ 300	US\$ 350
Foreign students	US\$ 225	US \$ 250	US\$ 275
Participants from SAARC nations	US\$ 250	US \$ 300	US\$ 350
Accompanying persons of participants from SAARC nations	US\$ 175	US \$ 200	US \$ 225
Students from SAARC nations	US\$ 125	US\$ 150	US\$ 175
Participations from international organisations based in Nepal	US\$ 250	US\$ 300	US\$ 350

Registration fee payment

All interested participant can pay registration fee by Bank Transfer at this moment. Nepal Geological Society is working for possible Online Payment of fee. We are trying to have some best way for this. At this movement, please use Bank Transfer system.

Bank Transfer detail for Payment:

Account name: Nepal Geological Society

Account Type: CURRENT

Account No: 0203217500574

SWIFT: NARBPKA

Bank Name and Address: Nabil Bank Limited, Durbarmarg, Kathmandu, Nepal

Please send email to rkdahal@gmail.com and manyajl@yahoo.com for Invoice.

After the bank transfer, do not forget to send scan copy of bank transfer slip to rkdahal@gmail.com and manyajl@yahoo.com.





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Excursion fees:

Ex-1: Around Kathmandu Valley – US\$ 85.00

Ex-2: Kathmandu-Pokhara - US\$ 320.00

Ex-3: The 2015 Gorkha Earthquake Epicentre - US\$ 275.00

Ex-4: Arniko Highway –China Border - US\$ 250.00

Ex-5: Japan Society of Engineering Geology (JSEG) Special Excursion - US\$ 340.00

Online Payment

Nepal Geological Society is preparing online payment system and it is expected that we will have it from July 2nd week. If you wish to book provision for early bird registration fee, you can fill the early bird registration form online. You are requested to visit this link for your early bird fee confirmation: <http://iaegarclngs.com/birdregistration>. Later you will be asked to pay your early bird registration fee through our online payment platform.

Invitation Letters

The Conference secretariat will be very happy to send Invitation letter if you need for your official use and VISA application. Please send email to rkdahal@gmail.com for Invitation Letter.

Conference theme and sub-themes

The main conference theme is “Engineering Geology for Geodisaster Management” and sub-themes include:

1. Engineering geology of landslides

- 1.1 Landslides, Debris flows, and Rock fall
- 1.2 Landslide hazard and risk evaluation
- 1.3 Landslide risk reduction
- 1.4 Slope stability
- 1.5 Landslide dams and their management
- 1.6 Landslide Dam Outburst Flood (LDOF)
- 1.7 Urbanisation on mountain slopes
- 1.8 Rainfall-induced landslides
- 1.9 Earthquake-induced landslides
- 1.10 Anthropogenic landslides





1.11 Landslide dating

1.12 Large-scale landslides and old landslide topography

2. Neotectonics

2.1 Active faults and associated earthquakes

2.2 Himalayan tectonics

2.3 Crustal dynamics and recent earthquake sources

3. Geohazards in Asia

3.1 Flood hazards

3.2 Volcanic hazards

3.3 Tsunami hazards

4. Engineering geology in sustainable development and urban planning

5. Foundation, underground geology, groundwater

6. Tunnelling and related geodisaster management

7. New technology

7.1 Remote Sensing and Geodesy for geohazard management

7.2 New technology and equipment for geohazards management

8. 2015 Gorkha Earthquake

8.1 Earthquake mechanism and tectonics

8.2 Engineering geological consequences

8.3 Damage assessment

8.4 Earthquake-induced landslide

8.6 Seismic hazard and low cost design for earthquake safe buildings

8.7 Ground response

8.8 Rescue, relief and reconstruction

9. Climate modelling for geohazard assessment

10. Marine engineering geology and related geohazards

11. Engineering geology of mines and quarry sites





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- 12. Geothics in engineering geology and geodisaster information**
- 13. Prevention of geodisaster sites and geopark management**
- 14. Relationship between slope instabilities and road or railway**
- 15. Land subsidence in coastal and inland areas**
- 16. Engineering geology for disaster risk reduction**
- 17. Response and reaction of earth materials to natural phenomena**
- 18. Integrated engineering geology in infrastructural development for stability and sustainability**
- 19. Case studies for geohazard management**
- 20. Rock fall hazard and its mitigation**
 - 20.1 Rock fall hazard and its evaluation
 - 20.2 Rock fall protection systems and their performance
 - 20.3 High altitude rock slope failures
 - 20.4 Rock fall hazards on road side slopes and hydropower projects
- 21. University courses on engineering geology**
- 22. Other geohazards and hazard management**
 - 22.1 Snow Avalanche
 - 22.2 Flood hazard management
 - 22.3 Glacial lake outburst
 - 22.4 Dating of geohazards
- 23. Others – related to engineering geology and geodisaster management**

Abstract submission

All interested participants are requested to fill the registration form. For registration, if you wish to participate with a presentation, please prepare abstract as per the template provided. For abstract, MsWord template is available here. Each participant can submit maximum two presentations in the ARC-11. Abstracts of only those authors or presenters who have already paid their registration fee within the deadline will be published in the abstract volume of the Journal of Nepal Geological Society, which will be distributed to all the registered participants during the conference. Interested participants can submit full paper after the conference for peer review. **Full paper submission deadline is January 31, 2018.** All peer reviewed full papers will be published in the Journal of Nepal Geological Society and will be published on 1 April 2018.





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Climate

Climate in Kathmandu at the end of November is pleasant. Mornings and evenings are often cold, but the day time is pleasantly warm. It is advised that the participants bring warm clothes.

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 one passport-sized photographs and US\$ 25 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.

For the visa application, the following information and items are necessary.

- Passport valid at least for six months
- A pp-size photograph
- Visa application fee of 25 US dollars (for 15 days)
- Permanent residence address
- Address while staying in Nepal (Hotel name and telephone number)

Nationals of Nigeria, Ghana, Zimbabwe, Swaziland, Cameroon, Somalia, Liberia, Ethiopia, Iraq, Afghanistan and Palestine are not entitled to get visa on arrival, so they may apply for the visa at the nearest Nepalese diplomatic mission in their countries. For further details, please visit Department of Immigration, Nepal (<http://www.nepalimmigration.gov.np/>).

Currency

US Dollar, Canadian Dollar, British Pound, Euro, Australian Dollar, Japanese Yen, Singapore Dollar, Indian Rupee, and Chinese Yuan can be exchanged in the banks, star hotels, and authorized money changers. As of December 29, 2016, US\$ 1 is equivalent to NRs 106.00 and, it may subject to change.

Nepalese participants

All Nepalese participants are requested to contact the organisers at info@iaegarc11.com and conveneriaeg2017@ngs.org.np or visit the 11th IAEG Asian Regional Conference (ARC-11) Secretariat for details on the registration procedure. Registration for Nepali participants is available through home page of the Conference website.





The 11th Asian Regional Conference (ARC-11) of IAEG
November 28-30, 2017
"Engineering Geology for Geodisaster Management"

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Nepal Academy of Science and Technology

Department of Irrigation, Government of Nepal

Tribhuvan University, Central Department of Geology, Geodisaster Research Centre

Department of Geology, Tri-Chandra Campus

Nepal Electricity Authority

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Nepal Landslide Society

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