



First Circular

An International Geoscientific Event

35th Himalaya-Karakorum-Tibet (HKT) Workshop

**11-13, March 2022 (Falgun 27-29, 2078)
Pokhara, Nepal**



**ORGANIZED BY
Nepal Geological Society**

P.O. Box 231, Kathmandu Nepal

Tel/Fax: +977 1 4437874

E-mail: info@ngs.org.np Web:

www.ngs.org.np

Introduction

The Himalaya-Karakorum-Tibet (HKT) workshop has been organized annually since 1985. Nepal Geological Society has organized the 9th and 27th HKT workshops, respectively, in 1994 and 2012, in Nepal. Likewise, accepting the approval of the attendees at the 33rd HKT that occurred in Lausanne, Switzerland in 2018, the Organizing and Management Committee of the 35th HKT workshop of the Nepal Geological Society is happy to announce the 35th Himalaya-Karakorum-Tibet workshop in Pokhara, Nepal from 11 to 13 March 2022. The decision for organizing the event in Pokhara, Nepal was continued by the attendees of 34th HKT workshop held in Montana, USA. The 35th HKT workshop was initially scheduled to be organized in 2021 in Nepal because of 36th International Geological Congress that was planned to be held in Delhi, India in November 2020. Due to the Covid-19 pandemic the 36th IGC was rescheduled to August 2021, but unfortunately, that was also cancelled because of COVID-19 Pandemics. Now, vaccination against the Covid-19 has been intensified at a worldwide level, including in Nepal for both cities and rural areas. While looking at the trend of the Covid-19 pandemic in Nepal, on March 30 2020 only four cases were reported, which raised on 22 June 2020 to 3,746 cases. The curve was down to the confirmed 857 cases on 13 July 2020. The curve again vigorously climbed up to the confirmed 25,843 cases on October 19 2020 then curved down to the confirmed 510 cases on 8 March 2021. A second wave of the Covid-19 climbed up to the confirmed 60,353 cases on 10 May 2021, which has now decided to the confirmed 2,318 cases on 11 October 2021 according to the web page of the World Health Organization. The record of new infection on October 15 2021 is 240 according to the REUTERS COVID-19 Record Tracker.

Nepal Geological Society (NGS) is a non-governmental organization and has served academic and professional sectors at national and international levels since its establishment. International and National level conferences, seminars, and scientific talk programs have been regularly conducted since the commencement of the NGS providing a good platform to the national and international scientists to share their latest research findings. These activities have established an international network for the advancement of research and development in the field of geosciences and geo-engineering. Examples of such international conferences held in Kathmandu by the society are the “International Symposium on Engineering Geology, Hydrogeology and Natural Disaster with Emphasis on Asia” in September 1999, the “11th IAEG Asian Regional Conference (ARC-11)” in November 2017, and the EGU Galileo conference on “Perturbations of earth surface dynamics caused by extreme events” on October 2019 in Kathmandu. The HKT workshops have been an instrumental forum for the advancement of the earth sciences in the Himalaya, Karakorum and Tibet regions. Nepal Geological Society is honored with the 1998 United Nations Sasakawa Disaster Prevention Award Certificate of Merit in appreciation for its contribution to disaster prevention, mitigation, and preparedness and with the Science and Technology Promotion Award 2013 from Nepal Academy of Science and Technology (NAST) in recognition of its contribution to the field of research and promotion of geosciences.

THEME AND SUB-THEMES

The theme of the international conference is **Geosciences for Prosperity of the People and Sustainable Development** (जनताको समृद्धि र दिगो विकासका लागि भू-विज्ञान). The conference aims to update and enhance the concurrent knowledge and

new findings of the geosciences among the participants. It will focus on the following sub-themes:

1. Geomorphology, Geological mapping, Stratigraphy and Regional tectonics
2. Advances in Mineralogy, Petrology, Geochemistry, Geochronology and Thermochronology
3. Mineral Exploration, Mineral Resources and Mining, Petroleum, and Natural Gases
4. Engineering Geology, Tunnelling, and Hydropower development
5. Geo-Hazard Assessment, Risk Reduction and Mitigation for Sustainable Infrastructure Development
6. Environmental Geology, Hydrogeology and Water Resources
7. Advances in Geophysics, Seismology and Seismo-tectonics
8. Glaciology, Environment, Climate Change and adaptation
9. Plans, Policies and Strategies of Nepal Government for application of geosciences in Sustainable Infrastructure Development
10. Gender history in geosciences
11. Geo-tourism and Geo-heritage Conservation
12. Promoting Geoethics for Sustainable Development
13. Recent Development in Geoscience Software, Laboratory Facilities and Findings
14. Recent Trends and Advances in Geosciences

ABSTRACT SUBMISSION

Abstracts related to recently completed or ongoing research focusing on the aforementioned sub-themes are invited for either for oral or poster presentation.

Abstract submission format will be designed on the website of Nepal Geological Society at <https://ngs.org.np> or it could be directly submitted to the Convener Dr. Kabi Raj Paudyal at paudyalkabi1976@gmail.com or to the Chief-Editor Dr. Prem Bahadur Thapa at geoscithapa@yahoo.com and the President Dr. Ananta Prasad Gajurel at ananta.gajurel@trc.tu.edu.np

Abstract submission deadline: 15 January, 2022.

VENUE

The conference will be organized in Pokhara, Nepal, which is located to the south of the Annapurna Range. This locale is a popular tourist destination of Nepal. Details related to hotels and conference locations as well as conference fee will be published very soon.

FIELD EXCURSION AND REGISTRATION

Ex-1: Pokhara-Tatopani-Jomsom section (5 days), 30 participants only. Date and registration fee for transportation, breakfast, lunch and tea, dinner and hotel will be announced soon.

Aim: Observation of N-S transect of the Nepal Himalaya from the oldest Kuncha Formation (around 1.8 Ga) to Cretaceous rocks along the Kaligandaki Valley. The excursion covers rock succession of the Lesser Himalaya, anticlinorium, inverted metamorphism, MCT region, high pressure and high temperature metamorphic rocks

of the Higher Himalaya, STDS, rock succession and fossils of Tibetan-Tethys zone, Quaternary deposits and Glacial Landforms along the route. The excursion group will enter into the premises of the Muktinath Temple (a very famous religious place of Hindu).

Ex-2: Geomorphological and sedimentological evolution of the Pokhara valley (2 days): 60 participants only. Date and registration fee for transportation, breakfast, lunch and tea will be announced soon.

Aim: Quaternary valley sediments, visit on touristic sites like Mahendra cave, Seti River Gorge, David Fall, Phewa, Begnas and Rupa Lake observation and boating in any lake, observation of the rocks of the Lesser Himalaya, the Main Central Thrust and rocks of the Higher Himalaya (Karuwa section).

Ex-3: Pokhara-Bhairahawa section (2 days), 30 participants only. Date and registration fee for transportation, breakfast, lunch and tea, dinner and hotel will be announced soon.

Aim: Observation of Pokhara Valley (core city part), observation of the Lesser Himalayan rocks (Kaligandaki Supergroup), Tansen Klippe, Gondwana rock succession, the Main Boundary Thrust, Siwalik succession, the Main Frontal Thrust and Quaternary deposits of the Butwal area. Observation of Lumbini Boudha Temple, a famous religious place of Boudha and Hindus. Participants can return to Kathmandu/Tribhuvan International Airport from Bhairahawa Airport after this excursion in third day.

Ex-4: Pre-Conference Excursion: Kathmandu to Pokhara (1 day), 40 participants. Date and registration fee for transportation, breakfast, lunch and tea, dinner and hotel will be announced soon.

Aim: Observation of rock succession of Kathmandu Nappe and Nawakot Complex (autochthonous) from base to top, Mahabharat Thrust (MT equivalent to MCT), terraces of Pokhara Basin fill-sediments on the way to Pokhara.

Note: The excursion will be feasible once the number of participants is registered at least 50% in each excursion route.

ACCOMMODATION

Pokhara is one of the most beautiful cities in Nepal surrounded by snowy peaks of the Annapurna region and beautiful lakes. It is 200 km from Kathmandu, capital city of Nepal. A wide range of hotels are available in Pokhara for the accommodation of participants, from expensive 5-star Hotels to fairly inexpensive non-star hotels. A list of hotels with their contact details and their charges for single and double occupancy will be provided later for your convenience in the Second Circular. The room rates can roughly range from US\$ 20.00 to US\$ 100.00 per night.

WEATHER

During the month of March, the weather in Pokhara is generally pleasant with light cold air. March is considered as the suitable month for visiting most of the touristic places in Nepal including Pokhara, Kathmandu valley, Lumbini and trekking in the Nepal Himalayas. Based on the temperature trend, the average daytime temperature in Pokhara during March will be about 20°C, which is perfect for trekking and outdoor activities. Mornings and evenings will be cool, and it is advised that the participants bring warm clothes as well with them.

PASSPORT AND VISA

All the foreign participants must have valid passport and visa for entering into Nepal. For all the international visitors, visa on arrival can be obtained from the Tribhuvan

International Airport, Kathmandu. Participants are advised to contact the Nepalese Embassy or Consulate in their respective countries to get visa for entering into Nepal. For those of you planning to acquire a visa upon arrival at the airport, please bring with you two passport-sized photographs and US\$25 (current price) cash for the visa fee. For the participants from India, a valid identification or passport is sufficient. For the participants from other SAARC countries visiting Nepal, Gratis Visa is available since 2014. We request you to confirm by yourself if you are eligible for Gratis Visa or not.

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 Changer. As per the rate of November, 2021, US\$ 1 is equivalent to NRs 120.0 and, it may subject to change during the conference time.

ABSTRACT FORMAT

The following abstract format can be used to send the abstract for the upcoming HKT-35 workshop. Please visit www.ngs.org.np for any updates on abstract submission.

Guidelines for the submission of Abstract

Title: Should be in 14-point Times New Roman without capitalizing initial letters of each word unless necessary. No abbreviations.

Author's Name and Address: Should be written in 12 points Times New Roman. All the names should be separated by commas. Surname of all authors should be underlined. Address should follow the name. In case of more than one author, each author's address should begin from a next line.

Text: The Text should be between 250-300 words and be typed in Times New Roman 12 point with single space.

Speaker: Specify the speaker's name by bold letters.

35th Himalayan Karakoram Tibet (HKT) Workshop
11-13, March 2022 (Falgun 27-29, 2078)
Pokhara, Nepal

PRE-REGISTRATION FORM

Use the following format to send the pre-registration. Please check the website www.ngs.org.np for the possibility of sending it.

Name:

Nationality:

Postal address.....
.....

Country:

Organization:

Telephone No:

Cellphone:

E-mail address:

Food preference: Vegetarian / Non-vegetarian

Passport Details (Only for Foreign Participants):

(a) Passport number:

(b) Date of issue:

(c) Place of issue:

(d) Date of expiry:

(e) Previous visit to Nepal:

(f) Intended period of stay in Nepal:.....

Please tick as appropriate: I intend to present a paper and submit the abstract and full paper that has not been submitted elsewhere or published earlier.

Title of the Paper:
.....

Author (s):
.....
.....
.....

I intend to take part in the Field Excursion:

EX-1.....

EX-2.....

EX-3.....

EX-4.....

Date:

(Signature):

For further detail <http://www.ngs.org.np>

Key Persons to contact:

Dr. Kabi Raj Paudyal

Convener
Central Department of Geology, Tribhuvan University, Kirtipur, Kathmandu
Past President, Nepal Geological Society
Coordinator: Engineering Geology Program, Central Department of Geology, TU
Tel.: +977-; Cell: +977- 9841528891
Email: paudyalkabi1976@gmail.com

Dr. Basant Raj Adhikari

Co-convener
Pulchowk Campus, Institute of Engineering, Tribhuvan University, Pulchowk, Lalitpur
Tel.: +977-; Cell: +977- 9851133510
Email: bradhikari@ioe.edu.np

Dr. Ananta Prasad Gajurel

President
Nepal Geological Society and Chair of the HKT
Head of Department, Department of Geology, Tri-Chandra Multiple Campus, Tribhuvan University Kathmandu
Tel.: +977- 9841888116
Email: ananta.gajurel@trc.tu.edu.np

Ms. Monika Jha

Vice President of Nepal Geological Society
Joint Secretary of Nepal Government Earthquake Monitoring and Research Centre, Department of Mines and Geology. Lainchaur, Kathmandu
Tel.: +977- 9841881945
Email: manyaj1@yahoo.com

Dr. Lok Bijaya Adhikari

General Secretary
Nepal Geological Society
Senior Divisional Seismologist, National Earthquake Monitoring and Research Centre, Department of Mines and Geology. Lainchaur, Kathmandu
Tel.: +977- 9858050888
Email: lbadhikari@hotmail.com

Dr. Prem Bahadur Thapa

Chief Editor
Nepal Geological Society
Executive Director, Centre for Quality Assurance and Accreditation, Tribhuvan University, Kaathmandu, Nepal
Tel.: +977 9851211503
Email: prem.thapa@trc.tu.edu.np

Prof. Dr. Mike Searle

Coordinator for UK & Europe
Department of Earth Sciences
University of Oxford
South Parks Road, Oxford OX1 3AN, UK
Tel: +44 1865 272022
Email: mikes@earth.ox.ac.uk

Prof. Dr. Mary Hubbard

Coordinator for Americas
Department of Earth Sciences
Traphagan 202
Montana State University
Bozeman, MT 59717
Tel: +1 406-994-6906
Email: mary.hubbard@montana.edu

Dr. Christian France-Lanord

Coordinator for France & Europe
CRPG UMR 7358 CNRS-UL
15 rue Notre Dame des Pauvres
54500 Vandœuvre les Nancy – France
Tel: (33) 3 83 59 42 20
Email: cfl@crpg.cnrs-nancy.fr

Prof. Dr. Rodolfo Carosi

Coordinator for Italy & Europe
Dipartimento di Scienze della Terra - Università di Torino
Via Valperga Caluso, 35, 10125 Torino, ITALY
Tel: +39 011 6705864
Email: rodolfo.carosi@unito.it