

Program for the 2019. April 16-17. Educational Seismology Workshop in Pokhara

Tentative plan as of 01.04.2019.

**DAY 1**

08:30-09:00 INTRODUCTION

- Welcome (S. Subedi)
- Chief Guest
- Workshop motivation, goals and plan (G. Hetényi)

09:00-10:00 GEOLOGY (P. Loader)

- What causes earthquakes? Plate tectonics and the Himalayas

10:00-10:30 Coffee break

10:30-11:30 FAULTS AND EARTHQUAKES (P. Loader)

- What happens in an earthquake? Rupture under the ground, different fault types

11:30-12:30 WAVES (P. Denton)

- Seismic waves: what they are and how they travel through the ground

12:30-14:00 Lunch

14:00-15:10 EARTHQUAKE OBSERVATION (P. Denton)

- Detecting seismic waves: how seismometers work, with practical examples

15:10-15:45 THE SEISMO-AT-SCHOOL IN NEPAL PROJECT – SEISMOLOGY

- Seismological aspects (S. Subedi)
- Experience from the pilot station (Baglung School Teacher)

15:45-16:15 Coffee break

16:15-17:00 OPEN QUESTION SESSION

- A. Sauron, P. Denton, P. Loader, S. Subedi, G. Hetényi



## DAY2

08:30-10:30 EFFECTS AND PREPARATION IN PRACTICE (A. Sauron)

- Effects of shaking on communities: structural and non-structural hazards
- Communications, social effects (families etc.)
- Evacuation: saving yourself
- Preparation: what to do to minimise the effects of earthquakes, planning buildings

10:30-11:00 Coffee break (+ pick up attendance certificates)

11:00-11:15 THE SEISMO-AT-SCHOOL IN NEPAL PROJECT – EDUCATION

- Educational aspects (S. Subedi)

11:15-12:15 OPEN QUESTION SESSION

- A. Sauron, P. Denton, P. Loader, S. Subedi, G. Hetényi

12:15-12:30 Closing session

- Chief Guest
- G. Hetényi
- Group Photo

12:30-14:00 Lunch

### For all Participants

Arrival date and time: 2076 Baisakh 2 at 5 pm

Workshop day: 2076 Baisakh 3 and 4

Departure date and time: 2076 Baisakh 4 at 2 pm

