



HOKKAIDO UNIVERSITY

Title	Programme of the International Symposium on 'Changing Mountain Environments in Asia'
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Programme of the International Symposium on 'Changing Mountain Environments in Asia'

Day 1 (Sunday, 7 October)

08:00 - 17:00 **Registration**

09:00 - 10:35 **Inaugural Ceremony (Chair: Hira Bahadur Maharjan)**

- 09:00 - 09:10 Welcoming the dignitaries to the dais
- 09:10 - 09:20 Welcome
Guan Nidhi Nyeupane (Rector, Tribhuvan University)
- 09:20 - 09:25 Inauguration
Chief Guest, Hon. Minister Keshab Man Shakya
(Ministry of Environment, Science and Technology, Nepal)
- 09:25 - 09:40 Opening Remarks
His Excellency Kunio Takahashi (Japanese Ambassador to Nepal)
- 09:40 - 10:00 Keynote Speech 'Demographic, economic and spatial transition
in Nepal: Implications for the mountain environment'
Pitambar Sharma (Former Vice Chair of the National Planning
Commission, Government of Nepal)
- 10:00 - 10:10 Inaugural Speech
Chief Guest, Hon. Minister Keshab Man Shakya
(Ministry of Environment, Science and Technology, Nepal)
- 10:10 - 10:25 Vote of Thanks
Hideaki Shibata (Hokkaido University)
- 10:25 - 10:35 Chair Person's Remarks and Closing of Inaugural Ceremony
Hira Bahadur Maharjan (Vice Chancellor, Tribhuvan University)

10:35 - 11:05 **Group photo & Coffee/Tea break (In the garden)**

11:05 - 13:15 **Session 1: LUCC (Chair: Hideaki Shibata)**

- 11:05 - 11:45 Keynote Lecture 'Beyond anecdotal evidence: Providing systematic
and national-level evidence on multiple claims on land in the Lao PDR'
Andreas Heinimann
- 11:45 - 12:00 Land use and land cover change in the Chure (Siwalik) region,
western Nepal
Kedar Dahal
- 12:00 - 12:15 Ecological dimensions of land use and land cover change in the
Siwalik Hills, Nepal
Motilal Ghimire
- 12:15 - 12:30 Impacts of land use change in the Koshi Hills, eastern Nepal
Puspa Sharma and Pushkar Kumar Pradhan

12:30 - 12:45 Land use change and its impact on livelihoods: A case from Upper
Bhotokoshi Area
Uttam Sagar Shrestha

12:45 - 13:15 Discussion

13:15 - 14:15 **Lunch**

14:15 - 16:00 **Session 2: Climate change, glacier and hydrology
(Chair: Takanobu Sawagaki)**

- 14:15 - 14:30 Sensitivity of precipitation on water flow simulation over the Koshi
River basin, Nepal
F. Delclaux, L. Neppel, P. Chevallier, N. Gonga-Saholiariliva and M. Savean
- 14:30 - 14:45 Climate change effects on water and agriculture system: A study from Upper
Kali Gandaki River Basin in Mustang, Nepal
Prem S. Chapagain
- 14:45 - 15:00 Impact of climate change in snow and glaciers
Bhabana Thapa
- 15:00 - 15:15 Glacier change in Nepal Himalaya: Myth and reality
Katsuhiko Asahi
- 15:15 - 15:45 Discussion

15:45 - 16:05 **Coffee/Tea break**

16:05 - 18:35 **Session 3: HICAP (Chair: Neera Pradhan)**

- 16:05 - 16:15 Introduction to HICAP
Neera Pradhan
- 16:15 - 16:30 Hydrological regime of the Brahmaputra river basin: preliminary
assessment using two model platforms
Shahriar M. Wahid, Arun B. Shrestha and Sardar M. Shah-Newaz
- 16:30 - 16:45 Preliminary findings on 'Adaptation of Local Livelihoods to Changing
Ecosystem Goods and Services in the Context of Climate Change and
Gender Equity in the Hindu-Kush Himalayas'
E. Valdemar Holmgren
- 16:45 - 17:00 Climate-smart mountain agriculture to improve food security in the
HKH-region and its effects on land systems
Sarah Nischalke
- 17:00 - 17:15 Environmental implications of farmers' adaptation to climate change
Tor H. Aase
- 17:15 - 17:40 Discussion

18:00 - 20:00 **Reception**

Day 2 (Monday, 8 October)

08:00 - 18:20 Registration

08:50 - 11:00 Session 4: Urbanization and livelihood (Chair: Puskar K. Pradhan)

- 08:50 - 09:30 Keynote Lecture 'On measuring carrying capacity of mountain regions'
Hariharan Ramachandra
- 09:30 - 09:45 Spatiotemporal modeling of urban growth dynamics in Kathmandu, Nepal
Rajesh Bahadur Thapa
- 09:45 - 10:00 Place attachment and mobility of people in Rai community of Bhojpur, eastern Nepal
Dhyenendra Bahadur Rai
- 10:00 - 10:15 Impact of outmigration of population on farming system and household income in the hills of Nepal
Chhabi Lal Chidi
- 10:15 - 10:30 Role of large cardamom on environment and livelihoods: A case of Panchthar District
Shiba Prasad Rijal
- 10:30 - 11:00 Discussion

11:00 - 12:30 Session 5: Forest and biodiversity (Chair: Tirtha Bahadur Shrestha)

- 11:00 - 11:15 Institutional dimensions and changing role of forest management governance in Dehradun Valley
R.B. Singh, P. Kumria and K. Kimoto
- 10:25 - 10:35 Joint forest management: Community response and local governance in drylands: A case of Alwar, Rajasthan, India
R.B. Singh, Ajay Kumar and K. Kimoto
- 11:30 - 11:45 Bacterial population on the phyllosphere of woody species in subtropical environment at Shivapuri-Nagarjun National Park, central Nepal
Ram Kailash P. Yadav, Sushila Shrestha, Chandra P. Pokhrel and Pramod Kumar Jha
- 11:45 - 12:00 Community seed banking in agrobiodiversity conservation and mycoflora in stored paddy seeds
Chandra P. Pokhrel, Vimala Bhandari, Pramesh Lakhey and Ram Kailash P. Yadav
- 12:00 - 12:30 Discussion

12:30 - 13:30 Lunch

13:30 - 15:00 Session 6: Pastoralism 1 (Chair: Teiji Watanabe)

- 13:30 - 13:45 Pathways of social-environmental transformation in pastoral social ecological systems in the Global South: A research proposal
Julio C. Postigo
- 13:45 - 14:00 Livestock farming in Hussaini village, Gojal district, northern Pakistan: From stagnation to decline
Kazuo Mizushima
- 14:00 - 14:15 Changing use of pastures: A case study of the sheep herders of East Nepal
Kazuyuki Watanabe
- 14:15 - 14:30 The transhumance of cattle by Tibetans in the northwestern part of Yunnan Province, Southwest China
Shigeru Shirasaka and Guo-Quing Du
- 14:30 - 15:00 Discussion

15:00 - 16:30 Session 7: Pastoralism 2 (Chair: Eklabya Sharma)

- 15:00 - 15:15 Pastoral adaptation strategies to challenges of the post-Soviet era in the eastern Pamir and the western Tien Shan
Andrei Doerre
- 15:15 - 15:30 Assessing vegetation cover changes induced by livestock grazing in the Alai Valley, the Kyrgyz Republic in and after the Soviet time
Jie Liu, Teiji Watanabe, Shigeru Shirasaka and Ikuko Miyahara
- 15:30 - 15:45 Changing pastures in the Himalaya
Lila Nath Sharma
- 15:45 - 16:00 Himalayan rangeland ownership of Milke-Jaljala, eastern Nepal
Dilkumar Limbu, Madan Koirala and Shang Zhanhuan
- 16:00 - 16:30 Discussion

16:30 - 17:00 Coffee/Tea break

17:00 - 19:00 Poster session

Day 3 (Tuesday, 9 October)

08:30 - 18:20

Registration

09:00 - 10:30

Session 8: Tourism (Chair: Pramod Kumar Jha)

09:00 - 09:15

Mountaineering tourism in Nepal
Padma Chandra Poudel

09:15 - 09:30

Mountain tourism and its impact on livelihood
Ram Sharan Pathak

09:30 - 09:45

Impacts of tourism on water quality in Khumbu region, Nepal
Narayan Prasad Ghimire, Pramod Kumar Jha and G.U. Caravello

09:45 - 10:00

Ecotourism through the traditional and local practices -A case study of Langtang National Park in Nepal-
Kazuko Tatsumi and Phurpa Tamang

10:00 - 10:30

Discussion

10:30 - 12:20

Session 9: Mountain environments (Chair: Suresh Raj Chalise)

10:30 - 10:45

Carbon stock estimation and analysis of altitudinal carbon content variation: A case study of Thulonagi Community Forest, Dolakha district, Nepal
Kendra Jyoti Khadka, Kedar Rijal and Ramesh Prasad Sapkota

10:45 - 11:00

GPS collar tracking of argali (*Ovis ammon*) in the Sarychat-Ertash State Reserve, Kyrgyz Republic: Problems on wildlife management
Shigeyuki Izumiyama, Maksat Anarbaev and Teiji Watanabe

11:00 - 11:30

Discussion

11:30 - 13:00

Lunch

13:00 - 14:30

Session 10: Disaster risk (Chair: Narendra Raj Khanal)

13:00 - 13:15

Landslide hazard in mountain areas of Nepal
Balaram Raya

13:15 - 13:30

Landslides hazard analysis of upper Madi, Nepal
Sher Bahadur Gurung

13:30 - 13:45

Disaster mitigation and landscape protection in the Western Ghats Mountain region of Kerala: Challenges under a changing climate
K. Shadananan Nair

13:45 - 14:00

Soil erosion modeling for sustainability of land system in Middle mountain areas in Nepal: GI Science approach
Umesh Kumar Mandal

14:00 - 14:30

Discussion

14:30 - 16:00

Session 11: Glacier and disaster risk (Chair: To Be Announced)

14:30 - 14:45

Importance of field work in natural disaster risk assessments in high mountains
Daene C. McKinney, Marcelo Somos-Valenzuela and Alton Byers

14:45 - 15:00

Glacial lake development of Chamlang South Glacier and its prospect to GLOF occurrence
Damodar Lamsal, Teiji Watanabe and Takanobu Sawagaki

15:00 - 15:15

Investigation of the Seti River disaster (May 5, 2012) and assessment of past and future mountain hazards facing Pokhara, Nepal and upstream communities
Dhananjay Regmi and Jeffrey Kargel

15:15 - 15:30

Hydrological assessment of significant lakes in Broghil and Qurumber valleys, Pakistan
Ahmad Said and Samiullah Khan

15:30 - 16:00

Discussion

16:00 - 16:30

Coffee/Tea break

16:30 - 18:10

Session 12: Mountain environments (Chair: Teiji Watanabe)

16:30 - 16:45

Eco-crisis in the Himalayas: Is it realistic or utopian?
Hriday L. Koirala

16:45 - 17:00

Landscape dynamics in Chure hills and upstream - downstream linkages
Narendra Raj Khanal

17:00 - 17:15

Lessens learnt from Participatory Watershed Management Project in Nepal
Koji Terakawa

17:15 - 17:30

Field research and action projects: Two case studies from the Sagarmatha (Mt. Everest) National Park, Nepal
Alton C. Byers

17:30 - 18:00

Discussion

18:00 - 18:10

Closing (Vote of thanks) Teiji Watanabe

Poster Session 17:00 – 19:00, Monday, 8 October 2012

Status of wetland in Nepal -a case study of Beesh Hazari Lake
[Pabitra Aryal](#)

Climate change perception study: A case study of Pakjarbas VDCs of Ramechap district, eastern Nepal
[Suresh Bhandari](#)

Assessment of carbon stock in Lake Nagadaha and its adjacent agriculture land, Dhapakhel, Lalitpur
[Mamtha Bhatta](#)

Lichen species richness pattern along land use and elevational gradients in Kanchenjunga, Nepal
[Til Bikram Chongbang and Chitra Bahadur Baniya](#)

Study of agricultural productivity and food security in response to climate change of Nepal: A case study of Manaslu Conservation Area
[Bunu Gauli](#)

A case study on climate change vulnerability of Lalu VDC of Kalikot district
[Rupendra Ghale](#)

Tourism and development in Khadbari area
[Kopila Karki and Padma Chandra Poudel](#)

Biophysical and socio-economic impacts of downstream area of Kulekhani dam for inter-basin transfer of water from Kulekhani to Rapti river
[Jeevan Kutu, Binod Kutu, Narendra Raj Khanal, Hriday Lal Koirala, Pushpa Sharma and Sher Bahadur Gurung](#)

Change in surface area of non-debris covered glaciers in Hinku and Hongu valleys in the eastern Nepal Himalaya between 1964 and 2008
[Damodar Lamsal and Teiji Watanabe](#)

Rapid assessment of trail degradation in Shei-Pa National Park, Taiwan
[Yen-Liang Lee and Teiji Watanabe](#)

Environmental and economic cost of Yarsagumba collection in Majhphal VDC of Dolpa district, Nepal
[Kamal Bahadur Nepali and Bharat Babu Shrestha](#)

Response of *Pinus wallichiana* to climate change: A case study from Manaslu Conservation Area, western Nepal
[Sangita Pant](#)

Seed germination behaviour of *Gaultheira fragrantissima* and *Gaultheria nummularioides*
[Anju Poudel](#)

Trekking tourism and development: A study along Manebhanjang to Namche Bazaar trekking route
[Subash Rai and Padma C. Poudel](#)

Climate change vulnerability assessment: A case study of Raha VDC, Dolpa
[Deepak Rajbanshi](#)

Allelopathic effects of aqueous extract of leaves of *Mikania micrantha* on seed germination and seedling growth of some herbaceous plants
[Anita Sahu and Anjana Devkota](#)

Changing transhumance in Sary Tash, southern Kyrgyzstan
[Feng Song, Teiji Watanabe and Shigeru Shirasaka](#)

Application of a glacier flow model in the reconstruction of past glacier ELA – Combination of geomorphological interpretation and glacier dynamics –
[Takanobu Sawagaki, Yousuke Abe and Satoru Yamaguchi](#)

Impacts of inter-basin transfer of water: A case study of Rapti Basin, central Nepal
[Bishnu Kumar Tamang, Bhushan Prakash Bhandari, Narendra Raj Khanal, Hriday Lal Koirala, Pushpa Sharma and Sher Bahadur Gurung](#)

Elevational species richness pattern in Manaslu Conservation Area, Nepal
[Ajay Thakali and Chitra Bahadur Baniya](#)

NDVI-based vegetation change trend and its response to climate changes in Koshi Basin in middle Himalaya Mountain on the world's Third Pole
[Yili Zhang, Jungang Gao, Linshan Liu, Zhaofeng Wang, Mingjun Ding and Xuchao Yang](#)

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