

International Winter School
“Biodiversity, Ethnoecology and Bioprospecting in Nepal Himalaya”
January 29-February 8, 2018

Venue: RECAST, TU

Routine (Lecture & Practicum/exercises)

Time	Title	Resource person(s)	Practicum/ Exercise	Resource person(s)
Day 1 (January 29, 2018) – Environment and Biodiversity Conservation				
09:00-10:00	Biodiversity conservation in Nepal Himalaya- Conservation and development perspective	RPC +KBB	10:00-11:00	RPC+KBB
11:00-12:00	The role of ecosystem services in socio-ecological resilience: A retrospective from the Himalayas	NC	12:00-13:00	NC+PB
13:00-14:00	Propagation by clonal methods based in plant tissue culture: some applicative examples for biodiversity conservation	BB	14:00-15:00	BB +BS
15:00-16:00	Protected areas in Nepal – Conservation and sustainable development	MD	16:00–17:00	MD+CKS
Day 2 (January 30, 2018) – Ethnobiology and Community Development				
09:00-10:00	Introduction to Ethnobiology: Review of Ethnobiology Research in Nepal	KKS	10:00-11:00	KKS +KMG
11:00-12:00	Ethnobotany of Nepal: trends and perspectives	SR	12:00-13:00	SR+BS
13:00-14:00	Access to genetic resources and Nagoya Protocol	YU+RPC	14:00-15:00	YU+RPC
15:00-16:00	Integrating Ethnoecological Knowledge in Conservation Biological Approaches	SKG	16:00–17:00	SKG +CKS
Day 3 (January 31, 2018) – Bioprospecting and Drug Discovery				
09:00-10:00	Traditional medical knowledge, bioprospecting and value chain	MR	10:00-11:00	MR +GBB/SLS
11:00-12:00	Bioprospecting and drug discovery. The new approaches in the study of bioactive natural products: discovering new drugs from medicinal plants.	SDA	12:00-13:00	SDA +GMA
13:00-14:00	Instrumental methods in Drug discovery	SLS	14:00-15:00	SLS +GBB/MR
15:00-16:00	Natural products analysis and synthesis	GBB	16:00–17:00	GBB +SLS/MR
Day 4 (February 01, 2018) – Natural Resource Management and Sustainable Development				
09:00-10:00	Exploitation of diversity within crops: from genetic resources to agrobiodiversity	SV	10:00-11:00	SV +KA
11:00-12:00	Wildlife Conservation and Human-wildlife conflicts: Examples from Nepal	KBB	12:00-13:00	KBB+MBG
13:00-14:00	Prospects of Renewable Energy in Nepal and Water Issues	KRS	14:00-15:00	KRS+RT
14:00-15:00		NRD(TBC)		
15:00-16:00	Community Forest Management, Governance and Gender	SS+STM/SN	16:00–17:00	SS+ STM

Resource persons:

BB - Prof. Dr. Barbara Baldan; **BS** – Bijay Subedee; **GBB** - Dr. Gana B Bajracharya; **GMA** – Girija Mani Aryal; **KA** – Kamal Aryal; **KBB** – Prof. Dr. Khadga Bahadur Basnet; **KMG** – Kamal Mohan Ghimire; **KKS** - Prof. Dr. Krishna K Shrestha; **KRS** - Prof. Dr. Krishna Raj Shrestha; **MBG** – Min B. Gurung; **MD** - Dr. Maheshwor Dhakal; **MR** - Prof. Dr. Meena Rajbhandari; **NC** - Dr. Nakul Chettri; **NRD**- Nawa Raj Dhakal; **PB** – Prabin Bhandari; **RPC**- Prof. Dr. Ram Prasad Chaudhary; **RT** – Rajib Thakur; **SDA** - Prof. Dr. Stefano Dall’Acqua; **SKG** - Dr. Suresh Kumar Ghimire; **SLS** - Dr. Sajjan Lal Syaula; **SN** - Dr. Sushila Nepali; **SR** - Prof. Dr. Sangeeta Rajbhandary; **SS** - Dr. Sajani Shrestha; **STM** - Dr. Shymu Thapa Magar; **SV** - Prof. Dr. Serena Varotto; **YU** - Dr. Yadav Uprety.