



Live session at the IUFRO World Day (Webinar)

Agroforestry for food security:

A Nepalese experience

Division 1 - Agroforestry - (Unit 1.04.00)

29 September 2021, 04:00 - 05:00 UTC

📍 Kathmandu, Nepal (on the IUFRO World Day Map)

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ABSTRACT

Nepal is one of the richest countries in the world in terms of biodiversity. Forests cover about 45% of the total land area with 8 vegetation types and 118 ecosystems. Food security is one of the most important issues related to forests and forestry in Nepal. Historically, forests provided various kinds of food stuff for the majority of rural people and food insecurity was not a problem. People used to collect various types of *Dioscorea* (a yam), mushroom, and *Colocasia esculenta antiquorum* (Karkalo in Nepali language) free of cost from forest. Some of these gift of nature, the natural food stuffs are getting rare because of over exploration.

There is tremendous potential to use wild food products in Nepal because of its varied ecological conditions and forest management schemes. Appropriate agroforestry models could be developed and implemented to help food security. Similar situation exists in India. Indian government has fixed minimum support price of few forests produces so that the tribal living in and around the forest can earn their livelihood.

The agroforestry model will help wild food gene conservation. Incentives in the form of technology and tax rebates would promote wider application of products and their utilization pattern.

KEYWORDS

- Genetic Resources
- Forest Products
- Sustainable Forest Management
- Biodiversity

SPEAKERS

Dr. Swoyambhu Man Amatya



Swoyambhu Man Amatya is a professional forester, graduated from Indian Forest College, Dehra Dun, India. He has obtained M. Sc. from Oxford University, UK. and PhD from Tribhuvan University, Nepal.

He served with the Government of Nepal in various capacities including Director General and Secretary.

He is a pioneer in developing agroforestry in Nepal, has written a book entitled *Agroforestry Systems and Practices in Nepal*. He has received His Majesty King Birendra Academic Award for Science and Technology and Rastriya Pratibha Pusakar.

He is Coordinator of IUFRO Agroforestry, Adjunct Professor of Agriculture and Forestry University.

Dr. Sanjeev K. Chauhan



Dr. Sanjeev K. Chauhan is Head of the Department of Forestry and Natural Resources, PAU, Ludhiana, India.

Dr. Chauhan has published ninety-six research papers; six books; twelve book chapters; twenty-nine popular articles; five practical manuals, etc. Guided nine M.Sc. Forestry students as major advisor. Visited Srilanka, Austria, Australia, South Korea, China, Italy, Hungary, Thailand, etc. for making scientific interactions.

Dr Chauhan is life members of six professional societies, IUFRO Deputy coordinator of Agroforestry section. He is Fellow of Indian Ecological Society, awarded gold medal by Indian Society of Agroforestry, Schlich Memorial Prize, SK Seth Memorial award and Dr Fakruddin Ali Ahmed National award.

PROGRAM

<i>Time allocation</i>	<i>Session activities</i>	<i>Responsible person</i>
04.00-04.05	Introduction of speakers	Chairperson of the session
04.05-04.10	Brief introduction on IUFRO Agroforestry Unit	Swoyambhu Man Amatya Coordinator of IUFRO Agroforestry Unit (1.04.00)
04.10-04.30	Deliberation of talk on Agroforestry for food security: A Nepalese experience	Swoyambhu Man Amatya Coordinator of IUFRO Agroforestry Unit (1.04.00) and Adjunct Professor, Faculty of Forestry, Agriculture and Forestry University, Hetauda, Nepal
04.30-04.45	SWOT analysis and way forward for Enhancing agroforestry in Nepal	Sanjeev Kumar Chauhan, Deputy Coordinator of IUFRO Agroforestry Unit (1.04.00) and Head of the Department, Punjab Agriculture University, Department of Forestry & Natural Resources, Ludhiana, (India).
04.45-04.55	Question and Answer	Open to all
04.55-05.00	Concluding remark	Chairperson of the session

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