

Six Lessons from the Six Year of Research: How Climate, Forests, Cities, and Species are Changing in Nepal?

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Abstract

My research in the last six years has been focusing on climate change and associated changes on ecosystems and species, and forest transitions. More recently, I am doing research on the land use land cover change in the major cities of Nepal. This talk highlights the findings of our research published in various journals. It provides scientific evidence about the major global environmental issues such as climate change, forest transition, and urban sprawl in the context of Nepal. Particularly, it helps to understand a) the extent and magnitude of climate change and associated change in ecosystems and species; b) socio-economic factors and management regimes as drivers of forest cover change; and c) spatial temporal patterns of land use and land cover change in the major cities of Nepal.

About the Speaker

Uttam Babu Shrestha has completed PhD in Environmental Science from the University of Massachusetts, Boston, USA and has two masters' degrees, one in Geographic Information Technology from Northeastern University, USA and the other in Botany from Tribhuvan University, Nepal. He currently works at the University of Southern Queensland, Australia as a research fellow. He is a global fellow at the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) for the 'global assessments of Biodiversity and Ecosystem Services' and a lead author for 'sustainable use of wild species'. With his colleagues from south Asia, he co-leads 'science diplomacy in south Asia', a working group of the Global Young Academy—a global organization of young scientists—where he is a member.