

Workshop 10

WOOD OR WATER: TRADEOFFS AND SYNERGIES AMONG ECOSYSTEM SERVICES

ORGANISER NAME(S):

Ruchi Badola¹, Syed Ainul Hussain¹, Pariva Dobriyal¹

ORGANISATION AFFILIATION(S):

Wildlife Institute of India, Dehra Dun, India

PRESENTER(S):

Ruchi Badola (Wildlife Institute of India, Dehra Dun, India)

Syed Ainul Hussain (Wildlife Institute of India, Dehra Dun, India)

Pariva Dobriyal (Wildlife Institute of India, Dehra Dun, India)

TARGET AUDIENCE:

All Forum participants are welcome at this workshop; we especially encourage policy makers, natural resource managers, members of indigenous communities, environmental researchers, members of institutions using ecosystem service approach for biodiversity conservation and human wellbeing

WORKSHOP DESCRIPTION:

The workshop will be focused on developing the understanding of tradeoffs and synergies among ecosystem services (using the South Asian region as a case study) to maximize the benefits for human wellbeing and biodiversity conservation.

Decisions relating to natural resource management often revolve around ecosystem service tradeoffs. This is critical, particularly in developing countries that have biodiversity rich areas interspersed with resource dependent populations. These may also involve ecosystem services and their synergistic interactions. Resource managers and decision makers need to take careful account of their impacts on a range of ecosystem services and not focus only on a single service. A better knowledge of trade-offs and synergisms would simplify environmental decision-making. We focus on synergisms when opportunities for the improved delivery of multiple ecosystem services simultaneously exist. Understanding trade-offs, synergies and interaction among multiple ecosystem services can help managers make better informed decisions and facilitate forest restoration goals in creating new landscape mosaics that balance conservation with production and promote ecological, social and economic resilience. The proposed session presents examples from South Asia, where such conflicting tradeoffs among ecosystem services exist, and stretch on the need and approach to develop synergies among them.

The proposed session will provide an opportunity for those interested in contributing towards the goals of biodiversity conservation using ecosystem services approach to have an open and creative conversation, share ideas and gain a deeper understanding of the different issues related to socio-ecological scenarios, community livelihoods and decentralized management of natural resource management. The aim is to build participants capacity to incorporate ecosystem service trade-off and synergies in decision making to achieve the dual goals of biodiversity conservation and human wellbeing. The key speaker will introduce the workshop theme and presentation on ecosystem services tradeoffs and synergies in South Asian region. The second and third speakers will discuss the case studies on tradeoffs in two critical ecosystems- wetland and mountains, respectively, followed by an open discussion.