

Parallel Session 2: Groundwater sustainability, adaptation and mitigation

Title : Solar Irrigation and its co-benefits: Adaptation and Mitigation, including hills and mountains

Time: 13:30 – 15:00 Venue: Skyline Hall, Hotel Himalaya Join

Overview

Solar irrigation systems harness solar energy to power irrigation, offering a sustainable alternative to traditional energy sources. In regions characterized by hills and mountains, these systems are not only vital for the efficient use of water but also play a significant role in both climate adaptation and mitigation.

Time	Presentation session (setting the context)	Total : 25 minutes
13:30-13:40	Presentation 1: Archisman Mitra, Regional Researcher, IWMI India SIP1s potential in mitigation and adaption: Experience from South Asia	10 minutes
13:40-13:50	Presentation 2: Building mountain community resilience with renewable energy-powered irrigation. Avishek Malla, Energy Specialist, Intervention Manager, ICIMOD, Nepal	10minutes
13:50-14:00		5 minutes Q&A

Panel Discussion

Moderator: Mr. Mewang Gyeltshen, Sr. Energy Specialist ICIMOD

Session	Total : 65 minutes
Introduction to the panelist	5 minutes
Panel discussion	
Mr. Alinafe Kasinja (Malawi), Department of Energy, Government of Malawi Ms. Harsha Meenawat, World Resource Institute, India Dr. Muhammad Asif, Pakistan Agricultural Research Council, Pakistan Mr. Mohammad Sarwar Hossain, Additional Chief Engineer and focal person of Renewable energy, Bangladesh Agricultural Development Corporation (BADC), Bangladesh Mr. Rigzin Pelzang, Ministry of Energy and Natural Resources, The Royal Government of Bhutan Ms. Ishita Sachdeva, Senior Program officer, International Development Research Centre , India	40 minutes session- 2 question/panelist
Q&A from floor	15 minutes

