



ICIMOD

FARMER MANAGED IRRIGATION SYSTEMS AT THE CROSSROADS

Mapping climate, gender and socio-ecological challenges

April 11, 2017 11:15 am - 1:15 pm, Skyline Hall, Hotel Himalaya, Kupondol, Kathmandu

Nepal is well known for its tradition of farmer managed irrigation systems (FMIS). In this system, farmers are collectively engaged in irrigated agricultural development as an enterprise. Numerous FMIS in Nepal ranging from high lands to mid hills and tarai region, provides irrigation services to about 70 percent of the country's total irrigated area of little over of 1.2 million ha. However, due to recent changes in the socio-ecological systems, FMIS has come under increased pressure. Some of the systems are defunct while others are facing problems in operation and maintenance. There is an increased groundwater usage in the command area in tarai region and farmers are experiencing reduced flow of water systems. Due to increased migration in hills and tarai, feminization of agricultural labour has been reported. Understanding the recent challenges, this session is organized to understand the climatic, gender and socio-ecological challenges faced by small irrigation systems and the way forward.



Programme Schedule

Chair: **Dr. Robert Yoder**, Former Head of Country Program, IIMI - Nepal

- 11:15 – 11:20 Opening remarks by **Dr. Robert Yoder**
- 11:20 – 11:30 Masculinity in Irrigation: Imperatives for gender transformative decentralized water governance
Dr. Anjal Prakash, ICIMOD
- 11:30 – 11:45 Achieving gender water equity in the face of changing climate context: Lessons from local water planning practices in Nepal
Dr. Pranita B Udas, ICIMOD
- 11:45 – 12:00 Gender and Water Governance: Women's Role In Irrigation Management and Development
Dr. Dilli R Prasai, Tribhuvan University, Biratnagar, Nepal
- 12:00 – 12:15 Understanding the irrigation governance and mechanisms of water resource management for improved adaptive capacity
Ms. Kritiy Shrestha, Practical Action, Nepal
- 12:15 – 01:15 **Panel Discussions:** Mapping Climate, Gender and Socio-ecological Challenges in Irrigation Systems and Way forward
*Moderator: **Dr. Anjal Prakash**, Programme Coordinator – HI-AWARE, ICIMOD, Nepal*
Panelists:
Mr. Basudev Lohani, Deputy Director General, Department of Irrigation, Government of Nepal
Dr. Barbara Van Koppen, Principal Researcher – Poverty, Gender and Water, International Water Management Institute
Dr. Chanda G Goodrich, Senior Gender Specialist, ICIMOD, Nepal
Dr. Floriane Clement, Theme Leader, Gender and Poverty, International Water Management Institute, Nepal

