

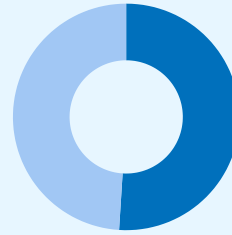
# Developing Climate Resilient Livelihoods in the Vulnerable Watershed in Nepal (DCRL)



**2,229**  
Beneficiaries



**51.2%**  
(1,141)



**48.8%**  
1,088

## Key Highlights



368 farmers trained on conservation farming and agroforestry



12 professionals trained on surface soil erosion mapping



26.37 ha land adopted conservation farming initiatives



350 roof rain water harvesting system established

## Federal IWM Policy Consultative Workshop

DCRL organized the federal level IWM policy consultative workshop on 23 February 2024. During this workshop, Director General (DG), Deputy Director General (DDG) of Department of Forests and Soil Conservation (DoFSC), joint secretary of Ministry of Forest and Environment (MOFE) and officials of DoFSC reviewed the final draft of Federal IWM Policy, and provided feedback and suggestions for further improvement.



## Training on Conservation Farming

Trainings on conservation farming and agroforestry were conducted across municipalities in the Khotang district, including Rawabesi, Kepliasgadhi, Diktel Rupakot Majhuwadhi, and Halesi Tuwachung. Moreover, a training program for trainers (ToT) was organized to empower local individuals with the farming expertise needed to support farmers when required. In total, 368 farmers underwent training through 11 events including TOT event.



# Developing Climate Resilient Livelihoods in the Vulnerable Watershed in Nepal (DCRL)



## Establishment of Roof Rain Water Harvesting System

Within first quarter of 2024, DCRL established 350 roof rain water harvesting systems across Khotang and Okhaldhunga districts. Out of the total installed, 190 systems are installed in Khotang and remaining 160 in Okhaldhunga.

This initiative has provided benefits to 350 households (HHs), with 269 of them being from disadvantaged communities such as Dalit, Janajati, and Majhi.



## Kiwi Distribution and Plantation



DCRL distributed 10,986 Hayward Kiwi saplings for plantation in Khotang and Okhaldhunga districts, covering a total land area of 26.37 hectares. Throughout the sapling distribution events, agricultural experts demonstrated and oriented farmers on scientific procedure for planting Kiwi.

This conservation farming initiative has benefited a total of 332 farmers' households, including 214 households from marginalized communities.

## Surface Soil Erosion Mapping Using Hydrological Modeling Training

DCRL conducted 4 days training on surface erosion mapping using hydrological training between 27 to 30 March 2024. During this training diverse programming tools including python, R-studio, ArcGIS were used to map the erosion. In total 12 participants, including 10 male, 2 female, 10 BCT, and 3 Janajati participated in the training. Among these 11 were from Nepal Government and 1 from the project.

The training was conducted to capacitate the government officials including the LOA partners and stakeholders of soil management.



# Developing Climate Resilient Livelihoods in the Vulnerable Watershed in Nepal (DCRL)



## Consultative Meeting on Preparation of Watershed Atlas

Consultative meeting on preparation of Watershed Atlas was carried out on 19 March 2024 with the objective to build the common understanding on watershed atlas development and its principles and criteria. Altogether 19 individuals from the DoFSC, IOE and DCRL participated in the meeting among which 4 were women.



## Visit to a Cosmic Rays Neuron Sensor Site



DCRL organized meeting with Institute of Forestry to discuss on degraded land restoration strategy. The meeting was useful as it provided inputs to the final draft of degraded land restoration strategy, enhanced knowledge on the application of CRN sensor for soil moisture monitoring. Attendees included the DDG and SCWMO of the DoFSC, faculty members from IoF, and DCRL project staff. The meeting was held on March 15th and 16th, 2024, with participants also visiting the Cosmic Rays Neuron Sensor site as part of the agenda.

## Ongoing Activities at project sites

- Construction of three water lifting schemes
- Construction of 15 catchment ponds
- Construction of contour trench in one site
- Construction of multipurpose ponds for Majhi in four sites
- Installation of seven micro-irrigation system
- Establishment of roof rain water harvesting system
- Conservation farming initiatives



Water lifting scheme under-construction



Agri-technician demonstrating Kiwi plantation