

BCRWME Knowledge Series



User and training manual on
**Spring Water Assessment
& Management**

BCRWME KNOWLEDGE SERIES **1**



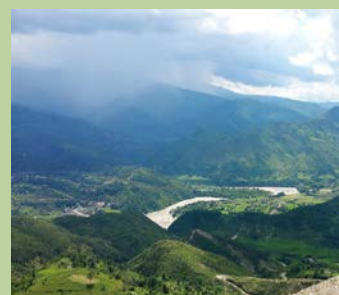
Training Manual
**Gender Equality & Social Inclusion
in Community Development**

BCRWME KNOWLEDGE SERIES **2**



GIS based Watershed Management Planning
**Sociodemographic and Economic
Assessment and Prioritization**

BCRWME KNOWLEDGE SERIES **3**



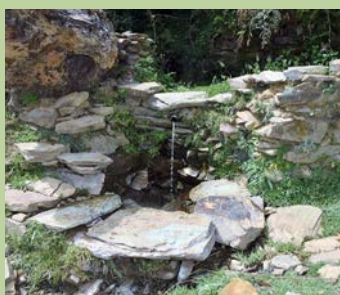
Integrating GIS to
**Mapping Ground Water
Recharge Potential**

BCRWME KNOWLEDGE SERIES **4**



Field guide for
**Spring Development
& Protection**

BCRWME KNOWLEDGE SERIES **5**



A Seven-Step Approach for
**Springshed Development
& Management**

BCRWME KNOWLEDGE SERIES **6**



GIS based Watershed Management Planning
**Sub-Watershed
Bio-Physical Prioritization**

BCRWME KNOWLEDGE SERIES **7**



Training manual on
**Application of GIS in Watershed
Management Planning**

BCRWME KNOWLEDGE SERIES **8**



Guideline for
**Watershed Planning
& Management**

BCRWME KNOWLEDGE SERIES **9**



पानीको मुहान सम्बन्धि चेतनामूलक
फिल्ड म्यानुअल

आयोजनाको ज्ञान शृंखला **10**



समुदाय परिचालनको लागि सामाजिक परिचालन
तालिम निर्देशिका तथा सत्र योजना

आयोजनाको ज्ञान शृंखला **11**



Building Climate Resilience of Watersheds in Mountain Eco-Regions
**Lessons Learned from
Project Design & Implementation**

BCRWME KNOWLEDGE SERIES **12**



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Ministry of Forest and Environment
Department of Forests and Soil Conservation
Building Climate Resilience of Watersheds in Mountain Eco-regions (BCRWME) Project



BCRWME Knowledge Series

The BCRWME Knowledge Series cover publications under the **Building Climate Resilience of Watersheds Mountain Eco-regions** project in Nepal.

BCRWME is the first component of Nepal's Pilot Program for Climate Resilience (PPCR) under the National Strategic Program for Climate Resilience (SPCR), executed by the Department of Forestry and Soil Conservation (DFSC, previously DSCWM).

The Climate Investment Fund (CIF) is the primary donor of the project, with the grant being administered by the Asian Development Bank (ADB). The Nepal Government provides both financial and in kind support. A grant for technical assistance is provided by the Nordic Development Fund (NDF).

The overall objective of the SPCR is to build long-term climate resilience through an integrated water resource and ecosystem-based approach, and to yield lessons on how best to build resilience in vulnerable mountain regions.

The BCRWME pilot is implemented in six districts in the Far Western Development Region of Nepal between 2014-2020. It provides support to all participating communities to develop and protect their water sources (springs and streams) and construct water storages to help sustain the use of limited water during the dry season, to support domestic and agricultural uses. The spring or surface water sources are expected to become more reliable, and; the dry season water yield will either remain the same or increase.

In addition the project supports both the communities and the government to manage water and land in an integrated and inclusive manner within watersheds. Implementation of subprojects particularly addresses water conservation in catchments and shortage issues.

It being a pilot project it is essential that key stakeholders adopt knowledge-based approaches for integrated water and land management and improved water reliability and accessibility in the wake of climate change.

All participating communities are involved in a phased cycle of training and capacity building so that the knowledge they develop in integrated and inclusive watershed management can be used to apply best practice.

Research is conducted throughout the project on hydrological impacts of watershed management and interventions.

Training, capacity building, research and lessons learned are captured in these BCRWME Knowledge Series publications to support institutions and experts tasked with watershed management implementation in scaling up and scaling out activities based on best practice knowledge.

The complete series captures six years of work involving over thousands community members, Government staff at all levels, and technical assistance of 100+ (inter)national consultants.

BCRWME Knowledge Publications

1. **User and training manual on Spring Water Assessment & Management**
2. **Gender Equality and Social Inclusion Training Manual**
3. **GIS based Watershed Management Planning: Sociodemographic and Economic Assessment and Prioritization**
4. **Mapping of Groundwater Potential of Recharge Zones**
5. **Field Guide for Spring Development and Protection**
6. **A Seven-Step Approach for Springshed Development & Management**
7. **GIS based Watershed Management Planning: Sub-watershed Bio-physical Assessment and Prioritization**
8. **Training manual on GIS Capacity Building for Watershed Management Planning**
9. **Guideline for Watershed Planning and Management**
10. **Field Manual on Spring Awareness (Nepali)**
11. **Community Organizer Training Manual (Nepali)**
12. **BCRWME - Lessons Learned from Project Design & Implementation**

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