

# SWaRMA



ICIMOD



Strengthening Water Resources Management in Afghanistan (SWaRMA) is a two-year project supported by the governments of Afghanistan and Australia, and implemented by the International Centre for Integrated Mountain Development (ICIMOD) and Commonwealth Scientific and Industrial Research Organisation (CSIRO) with government organizations, academia, and national partners to improve water resources management in Afghanistan.

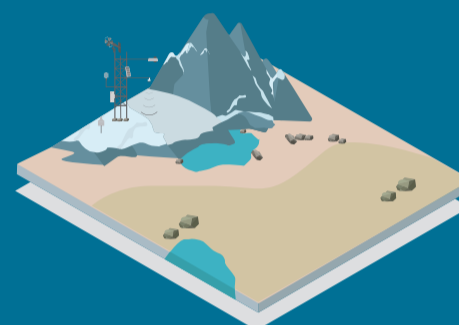
## Seven Thematic Areas of Intervention

SWaRMA has identified seven thematic areas relevant to enhancing capacity, co-creating knowledge, and facilitating co-learning platforms:



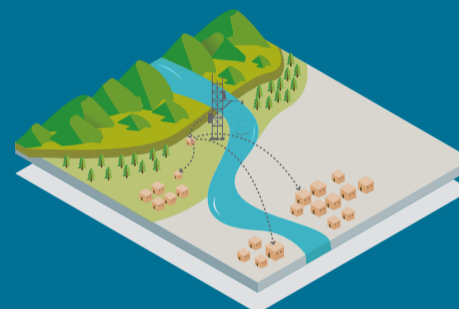
### Water availability analysis

Co-create knowledge on water resources assessment in the Kabul river basin using hydrological models



### Cryosphere monitoring

Theoretical and field based co-learning opportunities for young Afghan professionals to monitor snow cover, glaciers, and hydro meteorology



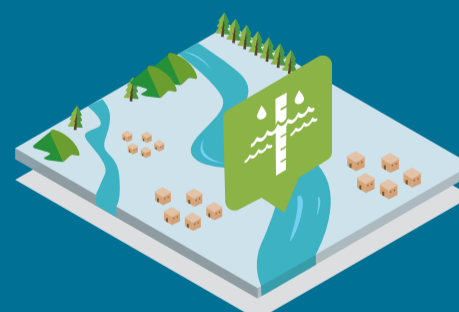
### Flood monitoring and early warning

Hands-on-training to generate flood information through community based flood early warning system (CBFEWS) and enable community preparedness



### Integrated water resources management

Capacity enhancement package to provide learning and knowledge sharing platform to implement integrated river basin management



### Water resources assessment at basin scale

Capacity enhancement on basin-level planning for decision making in complex time consuming and data limited environment



### Water information system

Co-produce online platform on water information system (prototype)



### Regional cooperation

Encourage science-based dialogue in Afghanistan to address water resource management at regional level and strategic engagement in regional dialogue

## Project Output

Generate technical and institutional knowledge to monitor and effectively manage water resources through co-creation and co-learning platforms

Develop a prototype water information system for evidence-based water resource management using appropriate tools and systems

Strengthen networks/platforms to improve participation and engage Afghan stakeholders at regional-level fora and interactions

