

Upscaling of customised irrigation and climate advisory services through citizen science

The Pakistan Council of Research in Water Resources (PCRWR) piloted “Customised Irrigation and Climate Advisory Services through Citizen Science” to enhance farmers’ capacity in using technical information for irrigation and climate resilience.

The upscaling of this project aims to provide a platform for citizens and farmers across Pakistan to contribute to data generation. It involves onboarding government stakeholders to integrate Irrigation and Climate Advisory Services (ICAS) into their advisories to farmers, promoting bottom-up information generation to support institutional operations.

Introduction



Developing farmers’ capacity in applying technical information.



Building farmer’s resilience through awareness about climate parameters.



Platform for citizen driven data generation.

Development and Implementation



01

Providing a platform to citizens and farmers across Pakistan to voluntarily involve themselves in the data generation process.

Bottom-up information generation to support institutions in their operations.

02



03

Onboarding stakeholders from the government agencies to understand and take up the ICAS solution as reinforcement to their advisories to farmers.

Expected Outcomes

Sustainability and upscaling of irrigation and climate advisory services through citizen science



Popularising the concept of “citizen science” for climate change adaptation.