

Designing low cost water haresting system for Bundelkhand region and rejuvinating Haveli system

Project Title: P478 - Analyzing impact of various Agricultural Water Management Interventions on watershed hydrology and various ecosystem trade-offs in Bundelkhand region of Central India

Description of the innovation: To over come water scarcity situation of Bundelkhand, traditional water harvesting system called as "haveli system" need to be rejuvenated. A huge earthen bund to be constructed across the stream to join two adjacent hillocks/stream network to impound water during the monsoon

New Innovation: No

Stage of innovation: Stage 1: discovery/proof of concept (PC - end of research phase)

Innovation type: Biophysical Research

Geographic Scope: Regional

Number of individual improved lines/varieties: <Not Applicable>

Region: <Not Defined>

Description of Stage reached: Water harvesting protocol for the study region was developed and piloted in three villages. The pilot showed large benefit by decentralized water harvesting practices.

Name of lead organization/entity to take innovation to this stage: ICRISAT - International Crops Research Institute for the Semi-Arid Tropics

Names of top five contributing organizations/entities to this stage: <Not Defined>

Milestones: No milestones associated

Sub-IDs:

- 9 - Reduce pre- and post-harvest losses, including those caused by climate change

Contributing Centers/PPA partners:

- ICRISAT - International Crops Research Institute for the Semi-Arid Tropics

Evidence link:

- <https://tinyurl.com/vvvdjq7>

Deliverables associated:

- D3896 - Book Chapter in CSR Book ([ICRISAT library](#))

Contributing CRPs/Platforms:

- WLE - Water, Land and Ecosystems