



Sustainable Management of Water Resources in Punjab's Barani Areas

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Snapshot

Project site	Punjab, Pakistan
Cost	US\$ 50,000
Status	Completed
Approval date	July 2004
Completion date	September 2006
Category	Basin
ADB officer	Ahsan Tayyab
Partner	Agency for Barani Areas of Punjab

Description

Barani refers to areas in Pakistan where dry farming is practiced and is marked by high levels of poverty. They are not served by canal irrigation and rely highly on erratic rainfall. As such, agricultural production in these areas is precarious. Farmers normally minimize inputs to reduce the risk of loss in the event of drought and mainly depend on off-farm income.

In Punjab, barani agriculture contributes only 10% of the total agricultural production, but has a high potential for crop production. To increase crop production in Punjab's barani areas, this PDA evaluated and disseminated rainwater harvesting techniques and introduced efficient water management methods and irrigation systems.

Expected outcomes

- Identification of issues and possible solutions to soil and water management problems
- Increase in water productivity

Related

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- [Pilot and Demonstration Activities](#)
- [Inception Report \(May 2006\)](#)
- [Proposal \(April 2004\)](#)

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