Good Practices and Examples of Water Management Options in Arid and Semi-Arid Parts of the Indus Basin

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How arid is the lower Indus Basin – what does the average farmer experience?

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ET cotton
Canal water
Precipitation
What are the practices (adaptation/strategies) to this inadequacy poor timing of supply

1. **Cultivate and irrigate less than the entire area** – cropping intensity <100% in each season;

2. **Cultivate some of the area with crops requiring less water** – crop diversification;

3. **Allow crops to undergo water stress and accept a decrease in yield** – deficit irrigation; and

4. **Use groundwater to supplement surface (canal) water** – conjunctive water use.
$5m approved for Jalalpur irrigation project

THE NEWSPAPER'S REPORTER — PUBLISHED 2 DAYS AGO

ISLAMABAD: The Asian Development Bank (ADB) has approved an initial financing of $5 million for the development of design and irrigation management structure of Jalalpur Irrigation Project which will make available summer flood water to 65,000 hectares to increase agricultural production of rain-fed areas in Jhelum and Khushab districts.
Are we doing enough? – Probably not

- Too little, too slow
- Significant population pressure
- Climate change
- Land degradation
- Socio-economic changes including urban migration
- Business-as-usual approach
- Youth unemployment
THANK YOU AND QUESTIONS