

Pakistan's Regional and Domestic Water Issues

Outline

1. Introduction

2. Domestic Water Issues

- a) Highly politicised water politics
 - Kalabagh Dam
- b) Inefficient water use
 - Flood vs. Drip irrigation
 - ~~Flat~~ fee
- c) Resistance to innovation in water management
 - Telemetry opposed by feudals
 - Per unit water fee opposed by farmers
- d) Lacking data and research on water sources
 - IRSA water levels measured last in 1997
 - IRSA water data does not account for climate change
- e) Lacking water stores and improper use
 - 30-32 days of water stored
 - excessive use of groundwater

3. Regional Water Issues

- a) Improperly enforced water sharing agreements

- b) Lower riparian state to regional enemy
- c) Pending proper water agreements with Afghanistan.
- d) Rising water stress due to climate change
 - possible conflicts over water
- e) Difficulty forecasting water volumes due to climate change
 - unseasonal floods
 - droughts and dry spells.

4. Implications for Pakistan

- a) Threat to provincial harmony
- b) Trigger for future regional war
- c) Negative impact on economic growth.

5. Conclusion

