

Research questions:

Overall questions:

- a. Is GW development on the rise/fall/stagnant?
- b. What are the prerequisites/constraints for GW development (land access, energy access, market access, technology access, credit, policies, GW quality)? And how can this info be used to facilitate GW dev. in potential areas and cut down GW use in over-exploited areas?

Specific questions:

- c. How is GW use rel. to surface water use? Trends?
 - d. What are the dynamics and practices involved in conjunctive use of surface and groundwater use? Is there scope for improving the approaches?
 - e. Is GWL decline (if any) perceived as a problem?
 - f. Is GW quality (perceived as) a restriction for GW use?
 - g. What is the energy source used for GW extraction?
 - h. What types of subsidies are in place?
 - i. What are the costs involved in getting into GW, relative to income?
 - j. Are there issues of equity or conflicts (e.g. between domestic and agricultural use)?
 - k. Is GW (still) accessible to poor farmers (in acceptable quality), or is there a trend towards more large-scale monopoly-type of GW development?
 - l. Is GW becoming less poverty alleviating?
 - m. Is GW use influenced by GW markets?
 - n. To what extent is GW development occurring in the private or public sector?
 - o. What changes (if any) are seen in crop choice?
 - p. Where in the terrain are the natural recharge areas and how can they be protected and recharge enhanced?
 - q. What is the effect of WH/AR (water harvesting/artificial recharge)? Is the water used more efficiently and does it help the local people, or does it merely shift water use from downstream to upstream users?
 - r. Are there any formal/informal structures in place to monitor and control GW use? Do they have any impact?
 - s. What are the trends in fertilizer/pesticide use?
 - t. What is the attitude towards collaborating on sharing common resources?
 - u. How is the integrate functioning of the present institutional GW management structure? Which changes are required to improve efficiency and effectiveness?
 - v. Can less water-dependent livelihoods/economies be favored?
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- ⇒ Typology of GW use systems
 - ⇒ Bright spots and problem areas
 - ⇒ Recommendations for policy changes