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RESEARCH INTERESTS

- Groundwater resource management by enhancing aquifer recharge
- Assessment of impact of climate change on groundwater resources using crop and groundwater models
- Satellite based groundwater monitoring

ONGOING WORK

- Groundwater Modelling for Sustainable Water Resources in Punjab
- Development of filtration techniques of surplus canal water recharge.
- Urban Blue Green infrastructure design
- Development of low-cost sensors for groundwater monitoring and canopy temperature based irrigation scheduling