



NAME: SUNIL KUMAR SAIGAL

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QUALIFICATION: M Sc (Hon's School), M. Phil

EXPERIENCE: Over 40 years in Hydrogeology in alluvium , valley fill/hard rock deposits of Himachal Pradesh, Punjab & Haryana states & Delhi and Chandigarh (UT), Coastal areas and hard rock terrains of Maharashtra while serving in Central Ground Water Board, Govt. of India. Extensively carried out hydrogeological surveys, ground water exploration, source selection studies for ground water abstraction structures, ground water resource estimation, Aquifer mapping for delineation of aquifer geometry and its parameters, Rainwater Harvesting and Artificial Recharge to ground water and its impact assessment studies, ground water pollution studies, Ground Water Regulation and IEC activities.

AREA OF EXPERTISE:

- Impact Assessment Reports, Hydrogeological surveys ,Formulation and implementation of Water conservation and artificial recharge projects.
- Dynamic and Static Ground water resource estimation
- Ground water exploration in all terrains, delineation of aquifer geometry aquifer parameters.
- Ground water pollution studies and remedial measures.
- Imparting Training to government officials and other stake holders on various local ground water issues.
- Conducting Public Interaction Programs at village level ,painting, slogan writing and quiz competition for students.
- Aquifer Mapping ground water management studies (NAQUIM) of Haryana state.
- Compliance studies for ground water regulation for industries and infrastructure projects as per guidelines of Central Govt. and state Govt.

ACCREDITATIONS & RECOGNITION:

- **Accredited Ground Water Professional for Impact Assessment Reports from Central Ground Water Authority Govt. of India**
- **Technical Member of "The Haryana Pond and Waste Water Management Authority", Govt. of Haryana**
- **Empaneled consultant of NABARD**
- **Founder of Aqua- Geo Environmental Consultants**
- Resource Person for "Department of Water Supply & Sanitation", Punjab on Tubewell construction and ground water resources of Punjab.
- Project Coordinator for DST sponsored project on 'Strengthening and creating the young change makers in the less endowed regions in the mountainous districts of Chamba and Sirmour, Himachal Pradesh'.
- Member of Khushhaali Foundation (NGO)from Lucknow (U.P).

PROJECT HANDLED & ESTIMATED COST:

1. Artificial Recharge to Ground Water in Jalandhar and Kapurthala distt., Golden Temple & Khatai Bhawan, Amritsar, Dhaneta & Patiala Nadi in Distt. Patiala, 2 projects in Ludhiana Distt & 5 projects of Ropar district Punjab.
2. Rain water harvesting and artificial recharge to ground water covering entire campus of Panjab University, Sector 14, Chandigarh.

Total Cost of Artificial recharge Projects- Rs 9.97 Cr

3. Construction of 114 Exploratory and Observation wells through Outsourcing in Haryana state. **Cost - Rs 12 Cr**
4. 50 Impact Assessment Reports/ Hydrogeological reports as per SOP of CGWA for Industries and Infrastructure projects in various terrains of India