



Hydrogeological Studies & Groundwater Modeling

By Brijesh, V. K. / Balasubramanian, A.

Condition: New. Publisher/Verlag: Scholar's Press | Bharathapuzha Basin, Kerala, India | Groundwater studies touch all realms of the hydrologic cycle. Sustainable management of this precious natural resource is possible only when there is a complete understanding of all the processes responsible for its storage in different aquifers as well as its movement from place to place. So it will require the knowledge about soils, geology, and structural features associated with the groundwater reservoirs. This book is the result of such an integrated study of groundwater in a tropical river basin in South India. The water level variations and groundwater chemistry is explained here in some detail for identifying the discharge and recharge areas in the basin and also to find the suitability of water for various uses. The geologic controls of water chemistry and its spatial variation throughout the basin is also illustrated with the help of statistical as well as GIS tools. A separate chapter on modeling is a highlight of this work. This will definitely benefit hydrogeologists, postgraduates and researchers in geology, geography students interested in morphometric analysis of river basins and also professionals in various fields of geoinformatics. | Format: Paperback | Language/Sprache: english | 409 gr | 220x150x15 mm | 296 pp.



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