

Research Papers
on
Surface water & Groundwater

Bartarya, S., S.K., Bhattacharya, R. Ramesh, B.L.K. Somayajulu (1995), O-18 and D Systematics in the surficial waters of the Gaula river catchment area, Kumaun Himalaya, J. Hydrol., 167, 369-379.

Bhattacharya, S. K., S.K. Gupta, R.V. Krishnamurthy, (1985), Oxygen and hydrogen isotopic ratios in groundwaters and river waters from India, Proc. Indian Acad. Sci (Earth Planet, Sci.)Vol.94, No. 3, Nov.1985.pp.283-295.

Bhishm Kumar and Rm P Nachiappan (1999) 'On the sensitivity of Craig and Gordon model for the estimation of the isotopic composition of lake evaporates'. Water Resour. Res. 35(5):1689-1691.

Bodankar,N., S.Upadyaya, K.M. Kulkarni, S.V. Navada, U.K. Sinha, U.P. Kulkarni (1997) Application of isotopes to study karst hydrology. Proc. Int. Sympo. on Engineering Geology and the Environment, Athens. pp 1617-1622.

Chandrasekharan,D., R. Ramesh; J. Balasubramaniam (1989) Geochemistry, Oxygen and hydrogen isotope ratios of thermal springs, Western continental margin of India Field and experimental results, Water Rock Interaction.

Datta, P.S. (1990) Deuterium and oxygen-18 studies in groundwater of Delhi area, India-comment. J.Hydrology, 113-385-389.

Datta P.S. Tyagi S.K. and Chandrasekharan, H. (1991). Factors controlling stable isotopic composition and rainfall in New Delhi, India J. Hydrology, 128: 223-236.

Datta, P.S., Bhattacharya, S.K. and Tyagi S.K. (1994). Assessment of groundwater flow conditions and hydrodynamics zones in phreatic aquifer of Delhi area using oxygen -18 Proc Intl. Workshop on Groundwater Monitoring and Recharge in Semi-Arid Areas, Hyderabad, IAH/UNESCO Publication, S IV:12:24.

Datta P.S. and Tyagi, S.K. (1995) Isotopic investigation on groundwater recharge conditions and flow regime in Delhi region - A review. Proc. International Conf. Water & Energy 2001, Oxford & IBH Publ. Vol.II:629-642.

Datta, P.S., Deb, D.L. and Tyagi, S.K. (1996) Stable isotope (O-18) investigations on the processes controlling fluoride contamination of groundwater. J. Contaminant Hydrology, 24(1):85-96.

Datta, P.S. Bhattacharya, S.K. and Tyagi S.K. (1996), O-18 studies on recharge of phreatic aquifers and groundwater flow paths of mixing in Delhi area. J. Hydrology, 176:25-

Datta, P.S. and Tyagi, S.K. (1996). Groundwater surface water intermixing model and recharge conditions in Delhi area as derived from O and D. proc. Int. Conf. on Hydrology and Water Resources, New Delhi, 1993, (Eds: Vijay P. Singh and Bhishm Kumar) Kluwer Acad. Pub. , Netherlands, Vol.II:103-119.

Datta, P.S., Deb, D.L. and Tyagi, S.K. (1997). Assessment of groundwater contamination from fertilizers in Delhi area based on

Kumar, B. et al. (1980). Use of stable isotope method in hydrological investigations with special reference to studies in lower Maner Basin, Andhra Pradesh, Proc. of the Workshop on 'Nuclear Techniques in Hydrology, held on March 19-21, at NGRI, Hyderabad.

Nachiappan, Rm. P., Bhishm Kumar, S. V. Navada & S. Balakrishnan (1995), Identification of groundwater isotopic index for surface water - groundwater interaction studies, Extended Abstract, IAEA-SM-336, Intl. Symp. On Isotopes in Water Resour. Mgmt., 20-24 March, IAEA, Vienna.

Nachiappan, Rm. P., Bhishm Kumar (1998) 'Hydrogeochemistry of a mountainous lake in Kumaun Lesser Himalayas'. Presented in the International Seminar on Applied Hydrogeochemistry, Annamalai University, 18-20 November, 1998, Annamalainagar, India.

Nachiappan, Rm. P., Bhishm Kumar (1999) Study of interconnection between a lake and surrounding springs using environmental tracers in Kumaun Lesser Himalayas. Proc. International Symposium on "Integrated

methods of catchment hydrology - Tracers and Remote Sensing”, IAHS, IUGG Assembly, 22-23 July, 1999, Birmingham, U.K.

Navada, S.V., A.R. Nair, Suman Sharma, and U.P. Kulkarni (1995) Geochemical and isotope studies of geothermal areas of central and northern India. IAEA-TECDOC-799: 63-92.

Nijampurkar, V. N., N.Bhandari,S.K.Bhattacharya & R. Ramesh (1986) Climatic, Significance of D/H ratios in a temperate glacier in Sikkim, Curr.Sci.55(19)910-9.

Pande, K., J.T. Padia, R. Ramesh & K.K. Sharma Stable isotope systematics of surface water bodies in the Himalayan and Trans-Himalayan (Kashmir) region Proc. Ind. Acad. Sci. (Earth. Planet.Sci.).

Ramesh, R. and M.M. Sarin (1982) Stable isotope study of Ganga-Brahmaputra river system, J.Hydrology, 139,49-62.

Ramesh, R. and R.A. Jani (1991) Stable isotopic evidence for the origin of ground water in Lakshadweep islands Curr. Sci. 61, 537-539.

Ramesh, R., R.A. Jani & R. Bhushan (1993) Stable isotopic evidence for the origin of water in the salt lakes of Rajasthan and Gujarat. J. Arid. Environments 25, 117-123.

Saravanakumar, U., V.P.Kulkarni, S.V.Navada and K.Vasu (1994). Isotopic investigation of lake pookot, Wynad District, Kerala. Presented at Water Congress held at CWRDM, Kozhikode.

Suman Sharma, A.R. Nair, U.P. Kulkarni, S.V. navada and S.C. Sharma (1986) Environmental isotope studies in Badrinath and Tapoban geothermal areas. Proc. Seminar on Geothermal energy resources in India. pp 223-232.

Tyagi, S.K. Datta, P.S. Mookerjee, P. and Bhattacharya, S.K. (1997). Delineation of groundwater zones and contamination characteristics based on O isotopic and SO data. proc. 2nd Intl. R&G Conference on Water and Energy, CBIP Publication, 21-24 Oct. 1997,. Vadodara.

Yadav, D. N. (1997). Oxygen isotope study of evaporating brines in Sambhar Lake, Rajasthan (India). Chem. Geol. (Isotope geoscience)