

Publications

Journals

Gowrisankar, G, G. Jagadeshan and L. Elango (2017) Managed aquifer recharge by a check dam to improve the quality of fluoride-rich groundwater: a case study from southern India, *Environ Monit Assess* (2017) 189:200, DOI 10.1007/s10661-017-5910-x (IF: 1.6)

Vetrimurugan E, Brindha, K. Bongani Sithole, Elango L (2017) Spatial interpolation methods and geostatistics for mapping groundwater contamination in a coastal area. *Environ Sci Pollut Res* DOI 10.1007/s11356-017-8681-6. (IF: 2.76)

Sathish S and Elango L (2016) An integrated study on the characterization of freshwater lens in a coastal aquifer of Southern India, *Arabian Journal of Geosciences*, 9:643, DOI 10.1007/s12517-016-2656-7. (IF: 1.224)

Kanagaraj G and Elango L (2016) Hydrogeochemical processes and impact of tanning industries on groundwater quality in Ambur, Vellore district, Tamil Nadu, India. *Environ Sci Pollut Res*, DOI 10.1007/s11356-016-7639-4. (IF: 2.76)

Indu S Nair, Brindha, K. and Elango. L. (2016) Identification of salinization by bromide and fluoride concentration in coastal aquifers near Chennai, southern India. *Water Science*, 30(1), 41-50. (IF: Nil)

Rajaveni Sundara Pandian, Indu S Nair and Elango L (2016) Evaluation of Impact of Climate Change on Seawater Intrusion in a Coastal Aquifer by Finite Element Modelling. *Journal of Climate Change*, 111-118. (IF: 4.622)

Brindha, K., Pavelic, P., Sotoukee, T., Douangsavanh, S. and Elango, L. (2016) Geochemical characteristics and groundwater quality in the Vientiane Plain, Laos. *Exposure and Health*, DOI 10.1007/s12403-016-0224-8. (IF: 1.962)

Parimalarenganayaki, S., and Elango, L. (2016) Managed Aquifer Recharge by check dam benefiting the society? A case study, *Water and Energy International*, 58/10, 47-54. (IF: Nil)

Brindha, K., Jagadeshan, G., Kalpana, L., Elango, L. (2016) Fluoride in weathered rock aquifers of southern India: Managed Aquifer Recharge for mitigation. *Environmental Science and Pollution Research*, DOI: 10.1007/s11356-016-6069-7. (IF: 2.76)

Sathish, S., Elango, L (2015) Numerical simulation and prediction of groundwater flow in a coastal aquifer of southern India, *Journal of Water Resource and Protection*. DOI: 10.4236/jwarp.2015.717122. (IF: 0.96)

Sruthi, K.V., HeeJun Suk, Elango L, Byung-Gon Chae and Hyun-su Kim (2015) The Modified Eulerian-Lagrangian Formulation for Cauchy Boundary Condition Under Dispersion Dominated Flow Regimes: A Novel Numerical Approach and its Implication on Radioactive Nuclide Migration or Solute Transport in the Subsurface Environment, *Journal Soil Groundwater Environment*. DOI: 10.7857/JSGE.2015.20.2.010. (IF: Nil)

Indu S Nair, S P Rajaveni, M Schneider and Elango, L. (2015) Geochemical and isotopic signatures for the identification of seawater intrusion in an alluvial aquifer. *J. Earth Syst. Sci.* DOI:10.1007/s12040-015-0600-y. (IF: 0.858)

Rajaveni Sundara Pandian, Brindha, K. and Elango, L. (2015) Geological and geomorphological controls on groundwater occurrence in a hard rock region. *Applied Water Science*, 09/2015; DOI: 10.1007/s13201-015-0327-6. (IF: Nil)

Jagadeshan, G. Elango, L. (2015) Suitability of Fluoride-Contaminated Groundwater for Various Purposes in a Part of Vaniyar River Basin, Dharmapuri District, Tamil Nadu. *Water Quality Exposure and Health*, 07/2015; 7(23):1-10. (IF: 1.692)

Rajaveni Sundara Pandian, Indu Sumadevi Nair and Elango L.(2015) Finite element modelling of a heavily exploited coastal aquifer to assess the response of groundwater level to the changes in pumping and rainfall variation due to climate change. *Hydrology Research*, doi:10.2166/nh.2015.211. (IF: 1.02)

Jagadeshan, G. Kalpana, L. Elango, L.(2015) Hydrogeochemistry of High Fluoride Groundwater in Hard Rock Aquifer of a Part of Dharmapuri District, Tamil Nadu, India. *Geochemistry International*, 2015, Vol. 53, No. 6, pp. 554–564. (IF: 0.878)

Brindha, K. and Elango, L. (2015) Cross comparison of five popular groundwater pollution vulnerability index approaches. *Journal of Hydrology*, DOI:10.1016/j.jhydrol.2015.03.003 (IF: 3.678)

Jagadeshan, G. Kalpana, L. Elango, L.(2015) Major ion signatures for identification of geochemical reactions responsible for release of fluoride from geogenic sources to groundwater and associated risk in Vaniyar River basin, Dharmapuri district, Tamil Nadu, India. *Environmental Earth Sciences*, DOI 10.1007/s12665-015-4250-9. (IF: 1.572)

Parimalarenganayaki, S., Brindha, K., Sankaran, K. and Elango, L. (2015) Effect of river bank filtration from a check dam on geochemical and microbiological composition of groundwater. *Arabian Journal of Geosciences*, DOI 10.1007/s12517-015-1825-4. (IF: 1.152)

Kumar, P.J.S., Elango, L. and James, E.J. (2014) Assessment of hydrochemistry and groundwater quality in the coastal area of south Chennai, India. *Arabian Journal of Geosciences*, 7(7), 2641-2653. (IF: 1.152)

Parimala Renganayaki, S. and Elango, L. (2014) Assessment of effect of recharge from a check dam as a method of managed aquifer recharge by hydrogeological investigations, *Environmental Earth Sciences*, DOI 10.1007/s12665-014-3790-8. (IF: 1.572)

Raicy, M.C. and Elango, L. (2014) An integrated approach to understand the lake water groundwater interaction in coastal part of Arani-Koratalaiyar River basin, Tamil Nadu, India, *Disaster Advances*, 7(10), 32-38. (SCI IF: 2.272)

Hazar Bouzourra, Rachida Bouhlila, L. Elango, Fairouz Slama and Naceur Ouslati (2014) Characterization of mechanisms and processes of groundwater salinization in irrigated coastal area using statistics, GIS and hydrogeochemical investigations, *Environ Sci Pollut Res.*, DOI 10.1007/s11356-014-3428-0. (IF: 2.757)

Brindha, K. and Elango, L. (2014) Assessment of heavy metals in top soil around a proposed uranium tailings pond in Southern India. *Asian Journal of Water, Environment and Pollution*, 11(2), 13-17. (IF: 0.303)

Ramesh, K and Elango, L (2014) Impact of Groundwater Quality from Industrial East Coastal Town, Southern India. *Int. Journal of Engineering Research and Application*, 4/1, 346-354. (Impact Factor 1.324)

Brindha, K. and Elango, L. (2014) Geochemical Modelling of the Effects of a Proposed Uranium Tailings Pond on Groundwater Quality, *Mine Water and the Environment*, 33, 110-120. (IF: 1.203)

Rajaveni, S.P., Brindha, K., Rajesh, R. and Elango, L. (2014) Spatial and temporal variation of groundwater level and its relation to drainage and intrusive rocks in a part of Nalgonda District, Andhra Pradesh, India. *Journal of the Indian Society of Remote Sensing*, DOI 10.1007/s12524-013-0328-6. (IF: 0.528)

Brindha, K. and Elango, L. (2014) Spatial analysis of soil fertility in a part of Nalgonda district, Andhra Pradesh, India. *Earth Science India* 7(1), 36-48. (IF: Not available)

Suganthi, S., Elango, L., and Subramanian, S.K. (2013) Groundwater potential zonation by Remote Sensing and GIS techniques and its relation to the groundwater level in the coastal part of the Arani and Koratalai river basin, Southern India. *Earth Sciences Research Journal*, 17(2), 87-95. (IF: 0.13)

Höckenreiner, M., Neugebauer, H., Elango, L. (2013) Ex situ bioremediation method for the treatment of groundwater contaminated with PAHs, *International Journal of Environmental Science and Technology*, DOI 10.1007/s13762-013-0427-5. (IF: 1.794)

Brindha, K. and Elango, L. (2013) Polycyclic aromatic hydrocarbons in groundwater from a part of metropolitan city, India: A study based on sampling over a ten year period. *Environmental Earth Sciences*, DOI 10.1007/s12665-013-2914-x. (IF: 1.572)

Brindha, K., Neena Vaman, K.V., Srinivasan, K., Sathis Babu, M. and Elango, L. (2013) Identification of surface water - groundwater interaction by hydrogeochemical indicators and assessing the suitability for drinking and irrigational purposes in Chennai, southern India. *Applied Water Science*, DOI 10.1007/s13201-013-0138-6. (IF: Not available)

Indu S. Nair, Parimala Renganayaki, S and Elango, L. (2013) Identification of Seawater Intrusion by Cl/Br Ratio and Mitigation through Managed Aquifer Recharge in Aquifers North of Chennai, India. *J. of Groundwater Research*, 2/1, 155-162. (IF: 1.953)

Brindha, K. and Elango, L. (2013) Geochemistry of fluoride rich groundwater in a weathered granitic rock region, southern India. *Water Quality, Exposure and Health*, DOI: 10.1007/s12403-013-0096-0. (IF: Not available)

Brindha, K. and Elango, L. (2013) Soil and groundwater quality with reference to nitrate in a semiarid agricultural region, *Arabian Journal of Geosciences*, DOI 10.1007/s12517-013-1100-5. (IF: 1.152)

Parimala Renganayaki, S. and Elango, L. (2013) Impact of recharge from a check dam on groundwater quality and assessment of suitability for drinking and irrigation purposes, *Arabian Journal of Geosciences*, DOI 10.1007/s12517-013-0989-z. (IF: 1.152)

Brindha, K. and Elango, L. (2013) Causes for variation in bromide concentration in groundwater of a granitic aquifer. *International Journal of Research in Chemistry and Environment*, 3(2), 163-171. (IF: 0.423)

Kumar, P.S.J., Elango, L. and James, E.J. (2013) Assessment of hydrochemistry and groundwater quality in the coastal area of south Chennai, India. *Arabian Journal of Geosciences*, DOI 10.1007/s12517-013-0940-3(IF: 1.152)

Parimala Renganayaki, S and Elango L (2013) A review on managed aquifer recharge by check dams: A case study near Chennai, India. *Int J of Res in Engg and Tech.*, 2(4): 416-423. (IF: 1.76)

Senthilkumar, M. and Elango, L. (2013) Geochemical processes controlling the groundwater quality in lower Palar river basin, southern India. *Journal of Earth Systems Science*, 122(2), 419-432. (IF: 0.794)

Vetrimurugan, E., Elango, L. and Rajmohan, N. (2013) Sources of contaminants and groundwater quality in the coastal part of a river delta, *International Journal of Environmental Science and Technology*, 10, 473-486. (IF: 1.794)

Kalpana, L. and Elango, L. (2013) Assessment of groundwater quality for drinking and irrigation purposes in Pambar river sub-basin, Tamil Nadu. *Indian Journal of Environmental Protection*, 33(1), 1-8. (IF: 0.00)

Brindha, K. and Elango, L. (2013) Occurrence of uranium in groundwater of a shallow granitic aquifer and its suitability for domestic use in southern India. *Journal of Radioanalytical and Nuclear Chemistry*, 295:357–367. (IF: 1.415)

Brindha, K. and Elango, L. (2013) Relation between nitrogen fixing bacteria in soil and nitrogen ions in groundwater. *International Journal of Water Resources and Environmental Management*, 121-128. (IF: 0.00)

Brindha, K. and Elango, L. (2013) Environmental assessment of water quality in Nagarjuna Sagar reservoir, India. *Earth Resources*, 1(1), 33-36. (IF: 0.368)

Jagadeshan, G. and Elango, L. (2012) Groundwater quality assessment in part of Vaniyar River Basin, Dharmapuri district, Tamil Nadu. *Indian Journal of Environmental Protection*, 32 (9), 772-777. (IF: 0.00)

Brindha, K., Rajesh, R., Murugan, R. and Elango, L. (2012) Nitrate pollution in groundwater in some rural areas of Nalgonda district, Andhra Pradesh, India. *Journal of Environmental Science and Engineering*, 54(1), 64-70. (IF: 0.94)

Brindha, K. and Elango, L. (2012) Groundwater quality zonation in a shallow weathered rock aquifer using GIS. *Geo-spatial Information Science*, 15(2), 95-104. (IF: 0.94)

Elango, L, Brindha, K, Kalpana, L, Faby Sunny, Nair, R. N. and Murugan, R. (2012) Groundwater flow and radionuclide decay-chain transport modelling around a proposed uranium tailings pond in India, *Hydrogeology Journal*, 20(4): 797–812. (IF: 1.712)

Brindha, K. and Elango, L. (2012) Impact of tanning industries on groundwater quality near a metropolitan city in India, *Inte. J. of Water Resour Management*, 26(6): 1747-1761. (IF: 2.463)

Rajesh, R., Brindha, K., Murugan, R. and Elango, L. (2012) Influence of hydrogeochemical processes on temporal changes in groundwater quality in a part of Nalgonda district, Andhra Pradesh, India. *Environmental Earth Sciences*, Vol. 65, 1203-1213. (IF: 1.572)

Ramesh, K and Elango, L (2011) Suitability assessment of groundwater for drinking and irrigational use in Palacode area of Dharmapuri district, Tamil Nadu, *Indian J. Environmental Protection*, 31/9: 769-778. (IF: 0.00)

Brindha, K. and Elango, L. (2011) Hydrochemical characteristics of groundwater for domestic and irrigation purposes in Madhuranthakam, Tamil Nadu, India. *Earth Sciences Research Journal*, 15(2), 101-108. (IF: 0.33)

Ramesh, K and Elango, L (2011) Groundwater quality and its suitability for domestic and agricultural use in Tondiar river basin, Tamil Nadu, India, *Environmental Monitoring and Assessment*, DOI: 10.1007/s10661-011-2231-3. (IF: 1.679)

Brindha, K., Elango, L. and Nair, R.N. (2011) Spatial and temporal variation of uranium in a shallow weathered rock aquifer in southern India. *Journal of Earth Systems Science*, 120(5), 911-920. (IF: 0.794)

Sathish, S. and Elango, L. (2011) Groundwater quality and vulnerability mapping of an unconfined coastal aquifer. *Journal of Spatial Hydrology*, Vol. 11(1), 18-33. (IF: 0.00)

Saravanan, S., Elango, L., Chandrasekar, N. and Kulaturaan, K. (2011) Major and minor ions studies for identification of seawater intrusion in Thiruvanmiyur, Chennai. *International Journal of Water Resources and Environmental Management*, Vol. 2, No. 1, 11-22. (IF: 0.00)

Sathish, S., Elango, L., Rajesh, R., and Sarma V.S. (2011) Assessment of seawater mixing in a coastal aquifer by high resolution electrical resistivity tomography. *International Journal of Environmental Science and Technology*, 8 (3), 483-492. (IF: 1.794)

Senthilkumar, M. and Elango, L. (2011) Modelling the impact of a subsurface barrier on groundwater flow in the lower Palar River basin, southern India. *Hydrogeology Journal*, 19(4), 917-928. (IF: 1.712)

Radhakrishnan, N. and Elango, L. (2011) Study of influence of terrain and climatic factors on groundwater level fluctuation in a minor river basin using GIS. *Geo-spatial Information Science*, 14(3), 190-197. (IF: 0.00)

Sathish, S., Elango, L., Rajesh, R., and Sarma V.S. (2011) Application of Three Dimensional Electrical Resistivity Tomography to Identify Seawater Intrusion, *Earth Science India*, Vol. 4(1), 21-28. (IF: Not available)

Brindha, K., Rajesh, R., Murugan, R. and Elango, L. (2011) Fluoride contamination in groundwater in parts of Nalgonda district, Andhra Pradesh, India, *Environmental Monitoring and Assessment*, 172, 481 – 492. (IF: 1.679)

Bhagavathi Perumal, S., Thamarai, P. and Elango, L. (2010) Hydrogeological studies along the coastal areas of Kanyakumari to Colachel after Tsunami, South Tamil Nadu, Indian Journal of Environmental Protection, 30(10), 793-813. (IF: 0.00)

Brindha, K. and Elango, L (2010) Study on bromide in groundwater in parts of Nalgonda district, Andhra Pradesh, Earth Science India, 3 (1), 73-80. (IF: 0.794)

Brindha, K., Elango, L. and Rajesh, V. G. (2010) Occurrence of chromium and copper in groundwater around tanneries in Chromepet area of Tamil Nadu, India, Indian Journal of Environmental Protection, 30(10), 818-822. (IF: 0.00)

Brindha, K., Rajesh,R., Murugan,R. and Elango, L. (2010) Natural and anthropogenic influence on the fluoride and nitrate concentration of groundwater in parts of Nalgonda district, Andhra Pradesh, India, Journal of Applied Geochemistry, 12/2, 231-241. (IF: 2.021)

Sivakumar C. and Elango, L. (2010) Application of solute transport modeling to study tsunami induced aquifer salinity in India. Journal of Environmental Informatics, 15(1), 33-41. (IF: 3.773)

Subramani, T, Rajmohan, N and Elango L (2010) Groundwater geochemistry and identification of hydrogeochemical processes in a hard rock region, Southern India, Environmental Monitoring and Assessment. 162:123–137(IF: 1.679)

Elango L (2009) Groundwater modelling to assess the feasibility of pumping seawater from a beach well for Chennai desalination plant, J. of Applied Hydrology, 22/1, 84-92. (IF: Not available)

Vetrimurugan, E and Elango, L (2007) Seasonal and spatial variation in magnesium and chloride concentration in groundwater of deltaic regions of Kumbakonam, Nannilam and Karaikal, Tamil Nadu, Indian J. Envi. Protection, 27/11, pp 987-995. (IF: Not available)

Rajmohan, N and Elango, L (2007) Mobility of major ions and nutrients in the unsaturated zone during paddy cultivation: a field study and solute transport modeling approach, J. Hydrological Processes, 21, 2698–2712. . (IF: 2.696)

Sivakumar, C, Elango, L and Gnanasundar, D (2006) Numerical modelling of groundwater flow in south Chennai coastal aquifer. In: MODFLOW and More 2006 Managing groundwater systems, Colorado School of Mines, USA, 21-24 May, pp 506-510. (IF: Not available)

Elango, L and Senthilkumar, M (2006) Modelling the effect of subsurface barrier on groundwater flow regime. In: MODFLOW and More 2006 Managing groundwater systems, Colorado School of Mines, USA, 21-24 May, pp 806-810. (IF: Not available)

Elango L (2006) Hydrogeochemical reactions in aquifers and its identification by geochemical modelling, J. of Applied Hydrology, 21/3, 35-44. (IF: Not available)

Rajmohan, N and Elango, L (2006) Hydrogeochemistry and its relationship to groundwater level fluctuation in Palar and Cheyyar river basins, Southern India. Int. J. Hydrological Processes, 20: 2415-2427. (IF: 2.696)

Ramesh, K and Elango, L (2006) Groundwater quality assessment in Tondiar basin, Indian J. Environmental Protection, 26/6, 497-504. (IF: 0.00)

Rajmohan, N and Elango, L (2005) Distribution of Iron, Manganese, Zinc and Atrazine in groundwater in parts of Palar and Cheyyar river basins, South India, J. of Environmental Monitoring and Assessment. 107: 115–131. (IF: 1.679)

Subramani, T, Elango, L, Srinivasalu, S. and Morikio, T (2005) Geological setting and groundwater chemistry in Chitar River Basin. Indian Mineralogist, 39/2, 108-119. (IF: 0.00)

Elango, L (2005) Numerical modelling – An emerging tool for sustainable management of aquifers, J. of Applied Hydrology, 18/4, 40-46. (IF:Not available)

Subramani, T, Elango, L and Damodarasamy, S.R (2005) Groundwater quality and its suitability for drinking and agricultural use in Chithar River Basin, Tamil Nadu, India. J. of Environmental Geology. 47/8:1099-1110. . (IF: 1.13)

Rajmohan, N and Elango, L (2005) Nutrient chemistry of groundwater in an intensively irrigated region of southern India. J. of Environmental Geology, 47:820 –830. . (IF: 1.13)

Rajmohan, N and Elango, L (2004) Identification and evolution of hydrogeochemical processes in the groundwater environment in an area of the Palar and Cheyyar River Basins, Southern India. J. of Environmental Geology, 46/1: 47-61. . (IF: 1.13)

Senthil Kumar, M and Elango, L (2004) Three-dimensional mathematical model to simulate groundwater flow in the lower Palar River basin, Southern India, Hydrogeology Journal, 12/2, 197-208. (IF: 1.712)

Rajmohan, N, Elango, L, Ramachandran S, Natarajan, M (2003) Major ion correlation in groundwater of Kancheepuram Region, South India. Indian. J. Environ. Health, 45/1, 5-10. . (IF: 1.01)

Elango, L, Suresh Kumar, S and Rajmohan, N (2003) Hydrochemical studies of groundwater in Chengalpet region. Indian J. Environmental Protection, 23/6: 624-632. (IF: 0.00)

Elango L, Kannan R, Senthil Kumar M (2003) Major ion chemistry and identification of hydrogeochemical processes of groundwater in a part of Kancheepuram district, Tamil Nadu, India. J. Environmental Geosciences, 10/4:1-10. (IF: 0.00)

Stagnitti, F., Li, L., Barry, D. A., Allinson, G., Parlange, J.-Y., Steenhuis, T., and Elango, L. (2001) Modelling solute transport in structured soils : Performance evaluation of ADR and TRM models. Mathematical & Computer Modelling, 34(3-4): 433-440. (IF: 2.020)

Senthil Kumar, M., Gnanasundar, D. and Elango,L.(2001) Geophysical studies in determining hydraulic characteristics of an alluvial aquifer, Journal of Environmental Hydrology, Vol.15/9, pp. 1-8. (IF: 0.00)

Gnanasundar.D and Elango.L (2000) Groundwater Flow modeling of a coastal aquifer near Chennai City, India, Joul. of Indian Water Reso. Soc., Vol. 20, 4/162-171. (IF: 2.463).

- Rajmohan, N., Elango, L., Ramachandran, S., Natarajan, M. (1999) Major ion correlation in groundwater of South India. *Indian Journal of Environmental Protection*, Vol. 20, No.3, March, pp. 188 - 193. (IF: 0.00)
- Gnanasundar. D and Elango. L (1999) Groundwater quality assessment of a coastal aquifer using geoelectrical techniques, *International Journal on Environmental Hydrology*, Vol. 6, pp 21-33. (IF: 0.00)
- Rengaraj, S., Elampooranan, T., Elango, L. and Murugesan, V. (1998) Groundwater quality in the Kumbakonam and Thiruvidadimaruthur taluks of Thanjavur district, South India. *Indian Journal Environmental Protection*. Vol 18, No.10, pp. 773-779. (IF: 0.00)
- Gnanasundar. D and Elango. L (1998), Groundwater quality of a coastal urban aquifer, *Journal of Environmental Protection*, Vol.18, pp. 752-757. (IF: 0.00)
- Rajmohan, N., Elango, L., Elampooranan, T. (1997) Groundwater quality in Nagai Quaid-E-Milleth District and Karaikal, South India. *Indian Water Resources Society*, Vol.17 (3), No.4, Oct.97, pp. 25 - 30. (IF: Not available)
- Rajmohan, N., Elango, L., Elampooranan, T. (1997) Seasonal and spatial variation in Magnesium and Chloride concentration in groundwaters of Nagai Quaid-E-Milleth district in Tamilnadu, South India. *Indian Journal of Environmental Protection*, Vol.17, No.6, pp. 448 - 453. (IF: 0.00)
- Radhakrishnan, N. and Elango, L. (1996) Lake environments along the coast of Tamilnadu, India as delineated from IRS - 1A satellite data, *Journal of Lakes and Reservoirs*, 2/3.4, pp 163 - 168. (IF: 0.00)
- Rengaraj, S., Murugesan, V., Elango, L. and Elampooranan, T. (1996) Nitrate in Groundwater of suburban regions of Madras city. *Indian Journal Environmental Protection*. Vol 16, No.8, pp. 573-576. (IF: 0.00)
- Rengaraj, S., Elampooranan, T., Elango, L. and Ramalingam, V. (1996) Groundwater quality in suburban regions of Madras city, India. *Journal of Pollution Research*. vol 15(4), pp. 325-328. (IF: 0.00)
- Elango, L, Ramachandran, S and Chowdary Y.S.N (1992) Groundwater quality in coastal regions of south Madras. *Indian J. Envirn. Health*, 34: 318-325. (IF: 0.00)
- Elango, L. and Ramachandran, S. (1991) Major ion correlations in groundwater of a coastal aquifer. *J. Indian Water Reso. Soc.*, 11: 54-57. (IF: Not available)
- Elango, L. and Manickam, S. (1987) Hydrogeochemistry of the Madras aquifer, India - Spatial and temporal variation in chemical quality of groundwater. *Geol.Soc. of Hong Kong Bull*. No. 3, pp. 525-534. (IF: Not available)
- Elango, L. (1986) Hydrogeochemical studies in aquifer north of Madras. *Abstract. Ground Water*, 24: 555. (IF: 1.953).
- Elango, L. and Manickam, S., (1986) Groundwater quality of Madras aquifer: A study on Panjetti-Ponneri-Minjur area. *Indian Geog. Joul.*, 61: 41-49(IF: Not available)

Book Chapters

1. Brindha, K. and Elango, L. (2013) Assessing the changes in groundwater quality around tanneries: the Chennai example (India), In: Understanding freshwater quality problems in a changing world (Eds. Arheimer, B., Collins, A., Krysanova, V., Lakshmanan, E., Meybeck, M., and Stone, M.), Proceedings of IAHS-IAPSO-IASPEI joint assembly 'Knowledge for the Future', Gothenburg, Sweden, 22nd to 26th July 2013 (IAHS Publ. 361, 2013), 265-270.
2. Brindha, K., Elango, L. and Nair, R. N. (2011). Assessment of background uranium concentration in groundwater around a proposed mining area (Presented at the International Conference 2011: Uranium Mining and Hydrogeology VI. Freiberg, Germany, 18th to 22nd September 2011). In: The New Uranium Mining Boom, Eds. Merkel, B. and Schipek, M. pp. 73-80.
3. Brindha, K. and Elango, L. (2011) Fluoride in Groundwater: Causes, Implications and Mitigation Measures. In: Fluoride Properties, Applications and Environmental Management (Stanley D. Monroy Ed.), Nova Publ., 111-136.
4. Rajmohan, N. and Elango, L. (2008) Assessment of geochemical processes controlling groundwater chemistry in a river basin in Southern India. In: Groundwater for sustainable development: problems, perspectives and challenges, Eds. P. Battacharya, AL. Ramanathan, A.B.Mukherjee, J.Bundscuh, D. Chandrasekharam and A.K. Keshari, Taylor and Francis, 115-121.
5. Elango, L and Kannan, R (2007) Rock-water interaction and its control on chemical composition of groundwater, In: Concepts and Applications in Environmental Geochemistry, Eds: Sarkar, D., Datta, R., Hannigan, R., Elsevier Science., 229-246.
6. Elango, L and Sivakumar, C (2007) Regional simulation of a groundwater flow in coastal aquifer, Tamil Nadu, India, In: Groundwater dynamics in hard rock aquifers Sustainable management and optimal monitoring network design, Published by Capital Publishing Company, 234-242.
7. Senthil Kumar, M and Elango, L (2006) Modelling the impact on the groundwater regime on construction of subsurface barrier in Palar river, Southern India, In: Groundwater flow and mass transport modeling, Published by Allied Publishers Pvt. Ltd., 222-241.
8. Elango, L, Stagnitti, F, Gnanasundar, D, Rajmohan, N, Salzman, S, LeBlanc, M and Hill, J (2004) A Review of Recent Solute Transport Models and a Case Study. Chapter 5 of Environmental Sciences and Environmental Computing. Vol. II (P. Zannetti, Editor). Published by The EnviroComp Institute, UK
9. Elango, L (2001) Coastal aquifer modeling in relevance to coastal zone management, In: Coastal environment and management, 258-267
10. Stagnitti, F. and Elango, L (2001) Physical Mechanisms affecting distributions of nutrients in soil, In: Modelling in Hydrogeology, UNESCO-IHP Publication, Allied Publ., Chennai, 259 pp.191-207.

Conference/Workshop Proceedings

1. Dhanamadhavan, S. and Elango, L (2016) "Assessment of Impact of Urbanisation on Rainfall Recharge using GIS in Coastal Aquifer of South Chennai"

2. Manoj, S. Thirumurugan, M. and Elango, L (2016) “Assessment of Zinc concentration in groundwater of Gogi region, Karnataka, India”
3. Anbarasu, S. Elango, L (2016) “Assessment of groundwater quality in a part of Chinnar Watershed, Perambalur District, Tamilnadu”. National Seminar on Groundwater and Coastal Aquifers, University of Madras, Chennai, 9-10 March 2016.
4. Parimalarenganayaki, S. and Elango, L (2016) “Check dam recharge to improve groundwater quality in non-perennial rivers”.
5. Thirumurugan, M. Manoj, S. Elango, L and Faby Sunny (2016) “Application of Groundwater flow modelling in Shahpur taluk, Karnataka, India”.
6. Manoj, S. Thirumurugan, M. and Elango, L (2016) “Spatial variation in Zinc and Lead in surface and groundwater of Gogi region, Karnataka, India”.
7. Gowrisankar, G. Jagadeshan, G. and Elango, L. (2016) “Fluoride in groundwater of Gnessic Complex of Kadhaur taluk, Dharmapuri District, Tamil Nadu”,
8. Manivannan, V. and Elango, L. (2016) " Assessment of fluoride release from rocks by laboratory experiments " International Groundwater Conference (IGWC), SRM University, Chennai, India, 11-13 February 2016.
9. Indhulekha, K. Elango, L. (2015) “Hydrogeochemical studies to understand the Carbon Cycle in the Cauvery River Basin”. National seminar on Past and Present Geochemical Process – Impact on Climate Change, School of Environmental Science, JNU, New Delhi, 22-23 December 2015.
10. Rajaveni, S.P. Indu .S. Nair. Elango, L. (2015) “Assessment of implication of climate change on seawater intrusion in coastal aquifer. North Chennai”. National seminar on Past and Present Geochemical Process – Impact on Climate Change, School of Environmental Science, JNU, New Delhi, 22-23 December 2015.
11. Manoj, S. Thirumurugan, M. and Elango, L (2015) “Investigation of surface water and groundwater interaction in proposed uranium mining site Gogi region Karnataka, India”, Workshop on the Water Conservation and Pollution INC-IAH, Manav Rachna International University, Surajkund road, Faridabad, India, 19 December 2015.
12. Elango, L (2015) "Groundwater occurrence in alluvium and hard rocks in coastal areas and seawater intrusion", International Seminar on Challenges to Groundwater Management vision 2050, Jadavpur University, Kolkata, India, 13-14 November 2015.
13. Elango, L. and Thirumurugan, M (2015) “Groundwater Management in Alluvial, Coastal and Hilly Areas” International Seminar on Challenges to Groundwater Management vision 2050, Jadavpur University, Kolkata, India, 13-14 November 2015.
14. Kanagaraj, G. and Elango, L (2015) “Impact of Chromium on Groundwater Quality in Tannery Belt Around Ambur, Vellore District, Tamil Nadu, India”, International Conference on Sustainable Energy and Environmental Engineering (SEEE2015), Bangkok, Thailand, 25-26, October 2015.
15. Dhanamadhavan, S. Elango, L. (2015) ” Distribution of dissolved inorganic carbon in groundwater along Cauvery River, Tamil Nadu, India” at 42nd International Association of Hydrogeologists Congress, AQUA 2015, Sapienza University of Rome, Italy. 13-18 September 2015.
16. Jagadeshan, G. Elango L. (2015). “Geogenic sources for fluoride rich groundwater and induced recharge through dug well for mitigation”, at 26th International Union of Geodesy and Geophysics (IUGG) General assembly, Prague, Czech Republic. June 22 - July 2, 2015.
17. Rajaveni S. P , Indu S.N , Zabel A. K , Monninkhoff B , Elango L. (2015). "Finite element modelling to assess the spatial and temporal variation in subsurface flow across the coast

- north of Chennai, India". at 26th International Union of Geodesy and Geophysics (IUGG) General assembly, Prague, Czech Republic. June 22 - July 2, 2015.
18. Elango L. (2015) "Geochemistry of Fluoride Rich Groundwaters" Seminar at Freie University, Berlin, Germany. 1st July 2015.
 19. Thirumurugan, M. Manoj, S. Elango, L*. (2015) "Radionuclide transport modelling for a performance assessment of a proposed uranium tailings pond in Yadgir District, Karnataka, India". National conference on Disaster mitigation and management towards sustainable development (DMSD-2015) Periyar University, Salem, 16-17 April 2015.
 20. Gowrisankar, G. Jagadeshnan, G. and Elango, L*. (2015) "Assessment of fluoride rich groundwater in the gneissic complex of Dharmapuri District, Tamilnadu, India". National conference on Disaster mitigation and management towards sustainable development (DMSD-2015) Periyar University, Salem, 16-17 April 2015
 21. Gowrisankar, G. Jagadeshnan, G. and Elango, L*. (2015) "Assessment of Impact of Mathampathi Check Dam, on Groundwater Quality in Krishnagiri District, Tamil Nadu". A National seminar on "Recent developments and Challenges in Geochemistry", Annamalai University, Chidambaram, Tamil Nadu India, 26- 27 March 2015.
 22. Arunsabarish, B. Thirumurugan, M. Manoj, S. and Elango, L*. (2014) "Assessment of groundwater quality in and around Gogi region, Karnataka, India". Workshop Cum Nineteenth National Symposium On Environment (NSE-19), Mahatma Gandhi University, Kottayam, Kerala, India, 11-13, December 2014.
 23. Elango L (2014) Managed aquifer recharge for mitigation of seawater intrusion, Invited talk at the International symposium on Integrated Water Resources Management, CWRDM, Kozhikode, India, 19-21 February 2014.
 24. Parimala Renganayaki, S., Julia Prock, Liang Yu, Thomas Wintgens and Elango, L. (2014). Microbiological quality of groundwater and surface water in a part of Arani River basin, Tamil Nadu, India. International symposium on Integrated Water Resources Management, CWRDM, Kozhikode, India, 19-21 February 2014.
 25. Indu S Nair, Rajaveni, S.P., Schneider, M. and Elango, L. (2014) Delineation of seawater intrusion by geochemical and Isotopic signatures in coastal aquifers, north of Chennai, India. International symposium on Integrated Water Resources Management, CWRDM, Kozhikode, India, 19-21 February 2014.
 26. Arunsabarish, B., Thirumurugan, M. and Elango, L. (2013) Spatial variation of groundwater quality of Gogi region, Yadgir, Karnataka. The 1st International Forum on Asian Water Environment Technology (IFAWET), Jawaharlal Nehru University, New Delhi, India, 18-20 December 2013.
 27. Raicy, M. C., and Elango, L. (2013) Assessment of lakes in groundwater recharge and quality in an agricultural area, North of Chennai, Tamil Nadu. National Groundwater Conference and Tamil Nadu Water Week, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India, 8-10 December 2013.
 28. Elango, L., and Rajmohan (2013) Assessment of fate of agrochemicals in unsaturated zone during paddy cultivation by solute transport modelling. National groundwater conference (NGWC) and Tamil Nadu water week, Tamil Nadu agricultural University, Coimbatore, Tamil Nadu, India, 8-10 December 2013.
 29. Rajaveni, S. P., Indu S. Nair. and Elango, L. (2013) Three dimensional finite element modelling of groundwater flow for sustainable pumping from north of Chennai coastal aquifer, Tamil Nadu, India. HYDRO 2013 International conference on Hydraulic, Water Resources, Coastal and Environmental Engineering, IIT Madras, Chennai, India, 4-6 December 2013.

30. Rajaveni, S. P., Indu S. Nair. and Elango, L. (2013) Application of Remote Sensing and GIS techniques for estimation of seasonal groundwater abstraction at Arani-Koratalaiyar river basin, Chennai, Tamil Nadu. International conference on Advances in Water Resources Development and Management (AWRDM), Panjab University, Chandigarh, India, 23- 27 October 2013.
31. Parimala Renganayaki, S. and Elango L. (2013) Assessing the impact of a check dam across a non-perennial river in southern India. Eighth International Symposium on Managed Aquifer Recharge (ISMAR), Beijing, China, 15-19 October 2013.
32. Sprenger, C., Parimala Renganayaki, S., Elango, L. and Schneider, M.(2013) Hydrochemistry and stable isotopes during salinity ingress and refreshment in surface- and groundwater from the Arani–Koratallai (A-K) basin north of Chennai, India. Eighth International Symposium on Managed Aquifer Recharge (ISMAR), Beijing, China, 15-19 October 2013.
33. Kalpana, L and Elango, L. (2013) Managed aquifer recharge to mitigate fluoride contamination in groundwater in a part of southern India. (Poster) Eighth International Symposium on Managed Aquifer Recharge (ISMAR), Beijing, China, 15-19 October 2013.
34. Bhola ,P. K., Zabel,A. K., Rajaveni, S. P., Nair, S., Monninkhoff, B and Elango,L. (2013) Integrated surface water and groundwater modelling for optimizing MAR structures in the Chennai region. Eighth International Symposium on Managed Aquifer Recharge (ISMAR), Beijing, China, 15-19 October 2013.
35. Brindha, K. and Elango, L. (2013) Geochemical modelling to assess the safe infiltration capacity from a proposed uranium tailings pond. How can models help to solve water quality problems? (Poster). IAHS-IAPSO-IASPEI joint assembly ‘Knowledge for the Future’, Gothenburg, Sweden, 22-26 July 2013.
36. Rajaveni, S.P. and Elango, L. (2013), Temporal variation in rainfall and landuse changes on seawater intrusion in coastal aquifer, North of Chennai, Tamil Nadu, India. Fourth IGCP conference, Chennai, 20-24th May 2013.
37. [Parimala renganayaki S, Elango L \(2013b\) Augmentation of groundwater by managed aquifer recharge around a non perennial river, In:IndiaWater Week - Efficient water management: Challenges and opportunities. New Delhi, 8-12 April 2013.](#)
38. Indu S. Nair. and Elango, L. (2013) Assessment of seawater intrusion in North Chennai by base exchange indices. National conference on Aquatic Chemistry, Cochin University of Science and Technology, Ernakulam, India, 21st to 23rd March 2013.
39. Elango, L (2013) Water supply and groundwater use in Chennai. Indo-German Workshop on Growth and Sustainability in a highly dynamic city - Exploring the urban development in Chennai, IIT Madras, Chennai, India, 25th February to 1st March 2013
40. Elango, L. (2013) Hydrogeological Controls on Groundwater Quality and Identification of Geochemical Process by Modelling, Indo-US workshop on Water Quality and Sustainability, IIT Madras, Chennai, India, 7th to 11th January 2013
41. Parimala Renganayaki, S. and Elango,L. (2013) Check dams for improving groundwater quality. Indo-US workshop on Water Quality and Sustainability, IIT Madras, Chennai, India, 7th to 11th January 2013 (Poster).
42. Brindha, K. and Elango, L. (2013) Characterisation of groundwater quality around tanneries in Chennai, India. Indo-US workshop on Water Quality and Sustainability, IIT Madras, Chennai, India, 7th to 11th January 2013 (Poster).
43. Kalpana, L. and Elango, L. (2012) Impact of hard rocks on groundwater fluoride level in parts of Pambar river sub-basin, Tamil Nadu. Fifth International Groundwater Conference, Aurangabad, 18 th to 21th December 2012.

44. Indu S. Nair, Parimala Renganayaki, S. and Elango, L. (2012) Identification of seawater intrusion by geochemical signatures in North Chennai Coastal Aquifer and mitigation measures through Managed Aquifer Recharge. Fifth International Groundwater Conference, Aurangabad, 18th to 21st December 2012.
45. Jagadeshan, G. and Elango, L. (2012) Occurrence of fluoride in groundwater in a part of Vaniyar river basin, Tamil Nadu, India. Fifth International Groundwater Conference, Aurangabad, India, 18th to 21st December 2012.
46. Kalpana, L., Jagadesan, G., Brindha, K. and Elango, L. (2012) Assessment of groundwater quality based on fluoride in certain parts of south India. International Conference on "Sustainable Water Resource Development and Management", Shivaji University, Kolhapur, India, 20th and 21st December, 2012 (Poster).
47. Elango, L. (2012) Hydrogeological research and Water Issues. Groundwater Management in Urban Areas - 7 Years successful Indo-German scientific Cooperation: Case Study Chennai, Indo-German Urban Mela 2012, Chennai, India, 28th August 2012.
48. Brindha, K. and Elango, L. (2012) Application of statistics in biological data analysis: Nitrogen fixing bacteria and its relation to groundwater quality. National conference on Statistics in Life Sciences, Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Chennai, India, 25th January 2011.
49. Parimala Renganayaki, S. and Elango, L. (2011) Assessing the impact of check dam on groundwater for sustainable agriculture. Fourth International Groundwater Conference, Madurai, India 27th to 30th September 2011.
50. Brindha, K. and Elango, L. (2011) Spatial assessment of groundwater quality based on minor ions. American Geophysical Union 2011 Fall Meeting, San Francisco, California, USA, 5th to 9th December 2011.
51. Elango, L. and Brindha, K. (2011) Interaction between river water and groundwater: geochemical and anthropogenic influence. American Geophysical Union 2011 Fall Meeting, San Francisco, California, USA, 5th to 9th December 2011.
52. Brindha, K., Rajesh, R. and Elango, L. (2011) Fluoride rich rocks and its impact on groundwater quality. 4th International conference on medical geology. Geological and medical sciences for a safer environment, Bari, Italy, September 22nd to 25th 2011.
53. Murugan, R., Rajesh, R., Brindha, K., Elango, L. and Nair, R. N. (2011) Area and volume calculation of proposed uranium tailings pond, Seripally, Nalgonda district, Andhra Pradesh, India. 4th International conference on medical geology. Geological and medical sciences for a safer environment, Bari, Italy, September 22nd to 25th 2011.
54. Sathish, S. and Elango, L. (2011) Groundwater quality assessment and human health in the south Chennai coastal aquifer, south India. . 4th International conference on medical geology. Geological and medical sciences for a safer environment, Bari, Italy, September 22nd to 25th 2011.
55. Brindha, K., Elango, L. and Nair, R. N. (2011). Assessment of background uranium concentration in groundwater around a proposed mining area (Presented at the International Conference 2011: Uranium Mining and Hydrogeology VI. Freiberg, Germany, 18th to 22nd September 2011). In: The New Uranium Mining Boom, Eds. Merkel, B. and Schipek, M. pp. 73-80.
56. Murugan, R., Rajesh, R., and Elango, L. (2011). Electrical resistivity survey to assess the geological conditions in a proposed uranium tailings pond, Geophysical Research Abstracts, Vol. 13, Austria.
57. Elango, L. and Sarma, V.S. (2011) Lithological interpretation and groundwater quality assessment from electrical resistivity tomography. National conference on Geosciences and

- water resources for sustainable development, Andhra University, Visakhapatnam, 11-12 February 2011.
58. Brindha, K., Neena Vaman, K.V., Srinivasan, K., Sathis Babu, M., Rajesh, R. and Elango, L. (2011) Evaluation of groundwater quality in a part of Chennai City, India. International conference on sustainable water resource management and treatment technologies, National Environmental Engineering Research Institute (NEERI), Nagpur, India, 19th to 21st January 2011, 91-97.
 59. Brindha, K., Rajesh,R., Murugan,R., Elango, L. and Nair, R.N. (2010) Spatial and seasonal variation in groundwater level and uranium concentration in Peddagattu and Seripalli area of Nalgonda district, Andhra Pradesh, India. Advances in Environmental Monitoring and Modelling, Proceedings of the Seventh National Symposium on Environment, IIT Kanpur, India, 13th to 15th May 2010, 256-260.
 60. Suganthi, S., Elango, L., Subramanian, S.K. and Sreenivasa Reddy, G. (2010) Monitoring the land subsidence caused by over extraction of groundwater using InSAR technique. National Conference on 'Geomatics in Disaster Management', Tata Institute of Social Sciences, Mumbai, India, 9th to 10th April 2010.
 61. Brindha, K. and Elango, L. (2010) Groundwater pollution due to industrial effluents in Chromepet, Chennai. Water resources day celebrations with focus on industrial pollution in groundwater, Ministry of water resources and Central Ground Water Board, Chennai, 25th March 2010.
 62. Subramani, T. and Elango, L. (2010) Site Selection for Location of Weir to minimize Salinization of Surface water and Groundwater in Coastal Part of Thamirabarani Basin. National seminar on Applied Chemistry in Marine Sciences: Current and Future Trends, held at Department of Ocean Studies and Marine Biology, Pondicherry University, Brookshabad Campus, Port Blair, Andaman and Nicobar Islands, p.39.
 63. Kalpana, L., Murugan, R., Elango, L., Manikandan, S.T., Faby, S. and Nair, R.N. (2010) Finite Element groundwater flow modeling of southern part of Nalgonda district, Andhra Pradesh, India. National seminar on Groundwater development and management in hard rock regions, Pune University, Pune.
 64. Brindha, K., Rajesh,R., Murugan,R. and Elango, L. (2010) Sources of fluoride in groundwater in parts of Nalgonda district, Andhra Pradesh, India. International conference on hydrology and watershed management, Jawarharlal Nehru Technological Institute, Hyderabad.
 65. Brindha, K., Rajesh,R., Murugan,R. and Elango, L. (2010) Fluoride and Bromide concentration in parts of Nalgonda district, Andhra Pradesh, India. 3rd International Perspective on Current & Future State of Water Resources & the Environment, IIT Madras, Chennai.
 66. Rajkumar, N., Subramani, T. and Elango, L. (2009) Groundwater Contamination due to Municipal Solid waste Disposal - A GIS based study in Erode City, International Conference on Disaster Management and Mitigation held at PSNA College of Engineering & Technology, Dindigul, Tamil Nadu, pp: 237-254.
 67. Anandakumar, S., Subramani, T., and Elango, L. (2009) Water Logging Problems in Lower Bhavani River basin, Tamilnadu, India, International Conference on Disaster Management and Mitigation held at PSNA College of Engineering & Technology, Dindigul, Tamil Nadu, pp: 773-792.
 68. Niroopsankar, G., Sathish, S. and Elango, L. (2009) Delineating Seawater intrusion using Vertical Electrical Sounding in the coastal aquifers, National seminar on Emerging Trends in Environment and Development, University of Kerala, Kerala.

69. Sathish, S. and Elango, L. (2009) Influence of seawater on hydrogeochemistry of south Chennai, Tamil Nadu, RETWAR 2009, Annamalai University, Chidambaram.
70. Elango, L. and Senthilkumar, M. (2009) Subsurface characterisation and discretisation of geological formations for groundwater modelling. 8th IAHS Scientific Assembly, Hyderabad.
71. Anandakumar, S., Subramani, T., Senthilkumar, M. and Elango, L. (2009) Simulation of regional groundwater head in a hard rock aquifer, Southern India. 8th IAHS Scientific Assembly, Hyderabad.
72. Elango, L., Senthilkumar, M. and Gnanavel D. (2009) Groundwater modelling to study the impact of recharge structures in Anna University main campus, Chennai, Southern India. 8th IAHS Scientific Assembly, Hyderabad.
73. Vennila, G., subramani, T., Kannan, R. and Elango, L. (2009) Identification of subsurface hydrogeochemical processes in a hard rock aquifer by inverse mass balance modeling. 8th IAHS Scientific Assembly, Hyderabad.
74. Rajmohan, R. and Elango, L. (2009) Role of seasonal groundwater level fluctuation and lithology on major ion chemistry in Palar and Cheyyar river basins, Southern India. 8th IAHS Scientific Assembly, Hyderabad.
75. Höckenreiner, M., Neugebauer, H. and Elango, L. (2009) Remediation of groundwater polluted by polycyclic aromatic hydrocarbons by physical and microbiological methods. 8th IAHS Scientific Assembly, Hyderabad.
76. Sathish, S. and Elango, L. (2009) Evaluation of extent of seawater intrusion using High Resolution Electrical Resistivity Tomography. 8th IAHS Scientific Assembly, Hyderabad.
77. Brindha, K., Murugan, R., Rajesh, R., Elango, L., Vishwa Prasad, K., Shrivastava, G.K. and Manikandan, S.T. (2009) Status of uranium occurrence in groundwater of Devarkonda and Peddagattu region of Nalgonda district, Andhra Pradesh, India. 8th IAHS Scientific Assembly, Hyderabad.
78. Murugan, R., Rajesh, R., Brindha, K. and Elango, L. (2009) Geological and Hydrogeological Investigation of Seripalli area, Andhra Pradesh. 6th Annual Meeting AOGS 2009, Convention centre, Suntech city, Singapore.
79. Elango, L (2009) Unsaturated flow and Groundwater quality in irrigated regions, Proceedings of regional workshop on water quality and water use efficiency issues in Tamil Nadu, 76-86.
80. Rajesh, R., Murugan, R., Brindha, K. and Elango, L. (2009) Hydrogeochemical processes of groundwater in Peddagattu-Lambapur, Nalgonda district, Andhra Pradesh. National Seminar on "Recent Advances in Water Research" (RETWAR- 2009), pg. 32.
81. Brindha, K., Rajesh,R., Murugan,R. and Elango, L. (2009) Nitrate in groundwater in parts of Nalgonda district, Andhra Pradesh, India. Young Researchers' Conference '09, pg. 25.
82. Murugan, R., Rajesh, R., Brindha, K. and Elango, L. (2009) Groundwater quality in Seripalli area, Nalgonda district, Andhra Pradesh, India. National Seminar on "Recent Advances in Hydrology for Water Resources Development and Management", Vadodara.
83. Rajesh, R., Brindha, K., Murugan, R. and Elango, L. (2009) Major Ion Chemistry of Groundwater in Uranium Mineralized Region of Nalgonda district, Andhra Pradesh. National Seminar on "Recent Advances in Hydrology for Water Resources Development and Management", Vadodara.
84. Sathish, S. and Elango, L. (2009) Major ion chemistry to study the seawater influence in coastal aquifer, south of Chennai, Tamilnadu. National Seminar on "Recent Advances in Hydrology for Water Resources Development and Management", Vadodara.
85. Rajesh, V.G., Brindha, K. and Elango, L. (2009) Assessment of Chromium, Copper and Zinc concentration in groundwater around tanneries in Chromepet, Kancheepuram district,

- Tamil Nadu. National Seminar on “Recent Advances in Hydrology for Water Resources Development and Management”, Vadodara.
86. Elango, L (2009) Subsurface barrier to augment groundwater reserve, International conference on Integrated Water Management, Sherbrooke, Canada.
 87. Elango, L (2009) Unsaturated flow and Groundwater quality in irrigated regions, Proceedings of regional workshop on water quality and water use efficiency issues in Tamil Nadu, Chennai, 76-86.
 88. Rajesh, R., Murugan, R., Brindha, K. and Elango, L. (2009) Hydrogeochemical processes of groundwater in Peddagattu-Lambapur, Nalgonda district, Andhra Pradesh. National Seminar on “Recent Advances in Water Research” (RETWAR- 2009), Chidambaram.
 89. Brindha, K., Rajesh,R., Murugan,R. and Elango, L. (2009) Nitrate in groundwater in parts of Nalgonda district, Andhra Pradesh, India. Young Researchers’ Conference ’09, Mumbai.
 90. Murugan, R., Rajesh, R., Brindha, K. and Elango, L. (2009) Groundwater quality in Seripalli area, Nalgonda district, Andhra Pradesh, India. National Seminar on “Recent Advances in Hydrology for Water Resources Development and Management”, Vadodara.
 91. Rajesh, R., Brindha, K., Murugan, R. and Elango, L. (2009) Major Ion Chemistry of Groundwater in Uranium Mineralized Region of Nalgonda district, Andhra Pradesh. National Seminar on “Recent Advances in Hydrology for Water Resources Development and Management”, Vadodara.
 92. Rajesh, V.G., Brindha, K. and Elango, L. (2009) Assessment of Chromium, Copper and Zinc concentration in groundwater around tanneries in Chromepet, Kancheepuram district, Tamil Nadu. National Seminar on “Recent Advances in Hydrology for Water Resources Development and Management”, Vadodara.
 93. Ramesh, K. and Elango, L. (2007) Geochemical studies of soil and water of an intensively irrigated region. Third international conference (IGC-2007) Water, environment and agriculture- present problems and future challenges, Coimbatore.
 94. Elango, L. and Sivakumar, C. (2007) Mathematical modeling for sustainable groundwater management. National Seminar on Hydrocare, Chidambaram.
 95. Vennila, G., Elango, L., Kumaran, S., Maheshkumar, P. And Velumani, D. (2006) Assessment of groundwater quality in a watershed in Cauvery Basin. International conference in Environmental Geosciences, Chennai.
 96. Ramesh, K. and Elango, L. (2006) Groundwater quality in Tondair river basin. International conference in Environmental Geosciences, Chennai.
 97. Sivakumar, C. and Elango, L. (2006) Groundwater pollution due to tsunami in Kalpakkam, Tamil Nadu. International conference in Environmental Geosciences, Chennai.
 98. Kannan, R. and Elango, L. (2006) Risk analysis framework for groundwater pollution with special reference to geology: A case study. International conference in Environmental Geosciences, Chennai.
 99. Elango, L (2006) Impact of tsunami on groundwater resources in Tamil Nadu, India. In: Sumatra Tsunami Disaster and Reconstruction, Kobe University, Japan, 7-8 March, pp 145-148.
 100. Rajmohan, N. and Elango, L. (2006) Assessment of geochemical processes regulating groundwater chemistry in a river basin in Southern India. Second international conference on Groundwater for sustainable development, problems, perspectives and challenges (IGC-2006), New Delhi.
 101. Sivakumar, C. and Elango, L. (2005) Simulation of groundwater flow in an semi arid urban aquifer of Chennai, Tamil Nadu. XXIV Annual convention of AHI and National Seminar on Hydrology, Dharwad.

102. Subramani, T and Elango L. (2005) Sea water intrusion in coastal Tamirabarani river basin, Tamil Nadu. National Seminar on Geoscience and Environment, Salem.
103. Subramani, T and Elango L. (2005) Groundwater resource development using remote sensing and GIS in a part of Tamirabarani – Pachayar river system, South India. National Seminar on Geoscience and Environment, Salem.
104. Elango, L. (2005) Subsurface discretisation and numerical modeling of groundwater flow and transport of solutes in aquifers. Proceedings of the Fourth DST-SERC school on Mathematical modeling of groundwater quality and pollution, Bangalore, pp. 533-541.
105. Elango, L. and Radhakrishnan, N. (2004) Landuse variation and its impact on groundwater quality in a minor river basin in Tamil Nadu. National Seminar on forest, water and people, Belgaum.
106. Senthil Kumar, M and Elango, L (2002) Rainfall and groundwater level relationship in a part of the Lower Palar River Basin, Tamil Nadu, India. In: Proceedings of the International Groundwater Conference on Sustainable Development and Management of Groundwater Resources in Semi-arid Regions with Special Reference to Hard Rocks, Oxford-IBH, New Delhi, pp 417-422.
107. Rajmohan, N, Elango, L. and Vasudevan, K.V (2002) Groundwater quality in Royapuram area, Chennai, South India. International Groundwater Conference on Sustainable Development and Management of Groundwater Resources in Semi-arid Regions with Special Reference to Hard Rocks, 20-22 February, Dindigul.
108. Elango, L. and Senthil Kumar, M. (2002) Groundwater Modelling- An effective tool for environmental management. Proceedings of the National Seminar on Current Environmental Problems and Management, Irinjalakuda, Kerala, pp. 248-252.
109. Senthil Kumar, M and Elango, L (2001) Numerical Simulation of groundwater Flow Regime in a Part of The Lower Palar River Basin, Southern India, In: Elango, L, Jayakumar, R (Eds.) Modelling in Hydrogeology, UNESCO-IHP Publication, pp.115-126.
110. Rajmohan, N and Elango, L (2001) Modelling the Movement of Chloride and Nitrogen in the Unsaturated Zone, In: Elango, L, Jayakumar, R (Eds.) Modelling in Hydrogeology, UNESCO-IHP Publication, .209-225.
111. Stagnitti, F and Elango, L (2001) Physical Mechanisms Affecting Distribution of Nutrients In Soils, In: Elango, L, Jayakumar, R (Eds.) Modelling in Hydrogeology, UNESCO-IHP Publication, 191-207.
112. Senthilkumar, M and Elango, L. (2001) Evaluation of hydraulic conductivity from resistivity data. International Seminar on Integrated approaches for strengthening and protecting drinking water resources, Pune.
113. Senthil Kumar, M., Elango, L. and Gnanasundar, D. (2001) Estimation of hydraulic conductivity from resistivity data. Seminar on An integrated approach for strengthening and protecting drinking water sources, Pune, pp.248-255.
114. Elango, L., Rajmohan, N. and Gnanasundar, D. (1998) Groundwater quality monitoring in intensively cultivated regions of Tamil Nadu, India. International Groundwater Conference of International Asso. of Hydrogeologists, Melbourne, Australia.
115. Gnanasundar, D and Elango, L (1998) An integrated approach to determine the quality and the salinity source contaminating the coastal Sandy aquifer. In: Proceedings of the Stockholm Water Conference, pp. 105-108.
116. Gnanasundar, D. and Elango, L. (1997) Assessing groundwater quality using electrical resistivity techniques in a coastal aquifer. Workshop on ‘Water Pollution-Assessment and management’, Hyderabad, pp. 54-62.
117. Gnanasundar, D. and Elango, L. (1997) Groundwater level fluctuation and its influence on electrical conductivity in a coastal aquifer. National Symposium on ‘Sustainable

- groundwater development and management' and The Annual Convention of the Geological Society of India, Chennai.
118. Rajmohan, N., Elango, L. and Ramachandran, S. (1997) Irrigational suitability of borewell waters of Nagai Quid E-Milleth district, Tamil Nadu. National Seminar on Geology and Environment and Colloquium on causes and remedies of pollution in Chotanagpur, Hazaribag.
 119. Nagendra, R., Elango, L., Sanjeevi., S and Mohana Doss, C (1996) Geoengineering and remote sensing studies for mitigation of landslides - A case study at The Nilgries, India, International Symposium on Landslides, Norway.
 120. Elango, L. and Gnanasundar, D. (1996) Groundwater quality in the Quarternary deposits of South Madras, India. First Regional GEOSAS Workshop, Chennai, pp. 21-25.
 121. Nagendra, R and Elango, L. (1995) Granulometric and SEM studies of sands and its application on environmental discrimination. International Symposium on River Sedimentation, New Delhi
 122. Elango, L (1995) Groundwater quality in Madras city, Workshop on Landfill Technology, Madras Metropolitan Development Authority, Chennai.
 123. Elango, L (1995) Geophysical methods for exploration of granites., National Symposium on Commercial Granite, Chennai.
 124. Elango, L. and Ramachandran, S. (1994) Estimation of groundwater flow and recharge from hydrochemical studies. In: Applied Geochemistry, Madras. 257-264.
 125. Elango, L. (1993) Geophysical methods for exploration for small scale mines, Institution of Engineers' National Seminar on Small Scale Mines, Kodaikanal.
 126. Elango, L. and Sanjeevi, S. (1992). Use of IRS 1A data to study the relation between the landuse and groundwater quality. National Seminar on Recent Trends in Exploration of Earth Resources, Chennai.
 127. Elango, L. and Sanjeevi, S. (1992) Groundwater- Landuse relationship studies using IRS-1A Data. National Seminar on Recent trends in prospecting of earth resources, Chennai.
 128. Elango, L. and Ramachandran, S. (1991) Salt balance model for an alluvial aquifer. In: Modeling groundwater flow and pollution. Nanjing University Press Publ, Vol 1/479-486.
 129. Elango, L and Ramachandran, S (1990) Groundwater chemistry of South Madras coastal aquifer, National Symposium on Protection of Environment of City Water Fronts, New Delhi.
 130. Elango, L., Manickam, S., Somasundaram, M.V. and J.H.Tellam. (1989) Groundwater quality of an alluvial aquifer. In: Appropriate methodologies for development and management of groundwater resources in developing countries. Oxford-IBH Pub., New Delhi, 715-732.
 131. Elango, L. and Manickam, S. (1988) Hydrogeochemistry in groundwater management. In: Analytical applications in earth sciences, Bhabha Atomic Research Center's Publ. Bombay, Shillong, 173-176.
 132. Elango, L., Manickam, S. and Sakthivadivel, R.(1988) Saline groundwaters in heavily exploited coastal aquifer - A case study near Madras. In: Groundwater development in coastal tracts, Trivandrum, 4.45-4.57.
 133. Ramasamy, R. and Elango, L. (1988) Maximisation of the production of 25-20mm sized granite cubicle stone aggregates for the building industry. Seminar on Industrial Minerals in National Economy, Chennai.
 134. Elango, L. and Manickam, S. (1987) Weighted pair averaging cluster analysis in hydrogeochemistry. In: Proc. Sixth Indian Geological Congress, Roorkee, pp. 221-226.

