

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

1. **Prasoon Kumar Singh**, Poornima Verma & Ashwani Kuamr Tiwari.;“Hydro-chemical Investigation and Qualitative Assessment of Groundwater Resources in Bokaro District, Jharkhand, India”, **Accepted on 25th January 2018**; *Arabian Journal of Geoscience*, (SCIE).
2. Nishi Kant, **Prasoon Kumar Singh** & Bijendra Kumar.; Hydro geochemical characterization and groundwater quality of Jamshedpur urban agglomeration in Precambrian terrain, Eastern India.; **Accepted on 2nd November 2017**; *Journal of the Geological Society of India* (SCIE) (2018).
3. Abhijit Debnath and **Prasoon Kumar Singh**; "Environmental traffic noise modelling of Dhanbad township area–A mathematical based approach."; *Applied Acoustics*, **129** (2018): 161-172. (SCIE).
4. Mukesh Kumar Mahato, **Prasoon Kumar Singh**, Abhay Kumar Singh, and Ashwani Kumar Tiwari; "Assessment of Hydrogeochemical Processes and Mine Water Suitability for Domestic, Irrigation, and Industrial Purposes in East Bokaro Coalfield, India."; *Mine Water and the Environment* (2018): 1-12. (SCIE).
5. Ashwani Kumar Tiwari, Muriel Lavy, Gianpiero Amanzio, Marina De Maio, **Prasoon Kumar Singh**, and Mukesh Kumar Mahato; "Identification of artificial groundwater recharging zone using a GIS-based fuzzy logic approach: a case study in a coal mine area of the Damodar Valley, India."; *Applied Water Science* 7, no. 8 (2017): 4513-4524. (ESCI)
6. Mukesh Kumar Mahato, Gurdeep Singh, **Prasoon Kumar Singh**, Abhay Kumar Singh, Ashwani Kumar Tiwari; "Assessment of mine water quality using heavy metal pollution index in a coal mining area of Damodar River Basin, India."; *Bulletin of Environmental Contamination and Toxicology*, 99, no. 1 (2017): 54-61. (SCI).
7. **Prasoon Kumar Singh**, & Sharma, Shonam; “Statistical Analysis of Seasonal and Annual Rainfall Trends over Dhanbad, Jharkhand India.”; *Mausam*, 68. 2, April (2017), 359-374 (SCIE).

8. Ashwani Kumar Tiwari, **Prasoon Kumar Singh** & Mukesh Kumar Mahato; “Assessment of Metal Contamination in the Mine Water of the West Bokaro Coalfield, India”; *Mine Water & Environment*, (2017) 532-541. (SCI).
9. Mukesh Kumar Mahato, **Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Abhay Kumar Singh; “Risk assessment due to intake of metals in groundwater of East Bokaro Coalfield, Jharkhand, India”; *Exposure and Health*,(2016)1-11(SCI indexed)
10. Tiwari, Ashwani Kumar, Marina De Maio, **Prasoon Kumar Singh**, and Abhay Kumar Singh;“Hydrogeochemical characterization and groundwater quality assessment in a coal mining area, India”; *Arabian Journal of Geosciences*, (2016) 9(3), 1-17.(SCI)
11. Tiwari, Ashwani Kumar, **Prasoon Kumar Singh**, and Mukesh Kumar Mahato, ;“Environmental Geochemistry and Quality Assessment of Mine Water of the West Bokaro Coalfield, India"; *Mine Water and the Environment*: (2016) 1-11.(SCI)
12. Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, Mukesh Kumar Mahato; “Hydrogeochemical investigation and qualitative assessment of surface water resources in West Bokaro coalfield, India”;*Journal of the Geological Society of India*, (2016) 87(1), 85-96 .(SCI)
13. Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, Abhay Kumar Singh, Marina De Maio; “Estimation of heavy metal contamination in groundwater and development of a heavy metal pollution index by using GIS technique”; *Bulletin of Environmental Contamination and Toxicology*, (2016) 96(4), 508-515.(SCI)
14. Ashwani Kumar Tiwari, Marina De Maio, **Prasoon Kumar Singh**, Mukesh Kumar Mahato;“Evaluation of surface water quality by using GIS and a heavy metal pollution index (HPI) model in a coal mining area, India”; *Bulletin of Environmental Contamination and Toxicology*, (2015) 95(3), 304-310. (SCI)
15. Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, Subhash Chandra and Amit Ghosh; “Assessment of groundwater level fluctuation by using remote sensing and GIS in West Bokaro coalfield, Jharkhand, India”; *ISH Journal of Hydraulic Engineering*, (2016) 22(1), 59-67.(SCI)
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25. Binay Prakash panigarhy, **Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Bijendra Kuanr,;“Impact of Climate Change on Groundwater Resources”;*International Research Journal of Environment Sciences*. (2015) 4(3), 86-92.(Scopus indexed)

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1. Ashwani Kumar Tiwari, M. De Maio., **Prasoon Kumar Singh** (2015). GIS-based Evaluation of Mine Water Quality in West Bokaro Coalfield, India. Esri User Conference in San Diego, California, USA from 20–24 July, 2015.
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3. **Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Binay Prakash Panigrahy (2015). Hydrogeochemical and Qualitative Assessment of Groundwater Resources in Jharia Coalfield, Jharkhand, India. 42nd IAH- AQUA Congress at the Sapienza University, Rome, Italy from 13th to 18th September, 2015.
4. **Prasoon Kumar Singh**, Shonam Sharma, Poornima Verma (2015). Trends of Seasonal and Annual Rainfall of Dhanbad, India, 102nd Indian Science Congress at University of Mumbai, Mumbai, Maharashtra from 3-7 January 2015.
5. **Prasoon Kumar Singh**, Binay Prakash Panigrahy, Ashwani Kumar Tiwari, Bijendra Kumar (2015). Estimation of Seasonal Groundwater Fluctuation by Meteorological Parameters, Jharia Coalfield, Jharkhand, 102nd Indian Science Congress, University of Mumbai, Mumbai, Maharashtra from 3-7 January 2015.
6. **Prasoon Kumar Singh**, Poornima Verma, Parveen Purty, Binay Prakash Panigrahy (2015) Approaches, Challenges and Sustainable Utilization Of Water Resources In India, International Seminar on Challenges to Ground Water Management: Vision 2050 CGWS held at ITC SONAR , Kolkata 13th -14th November, pp234-250.
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