

## LIST OF PUBLICATIONS

### INTERNATIONAL JOURNALS

1. Mukesh Kumar Mahato, **Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Abhay Kumar Singh, (2016). "Risk assessment due to intake of metals in groundwater of East Bokaro Coalfield, Jharkhand, India". *Exposure and Health*, 1-11 (SCI indexed)
2. Tiwari, Ashwani Kumar, Marina De Maio, **Prasoon Kumar Singh**, and Abhay Kumar Singh, (2016). "Hydrogeochemical characterization and groundwater quality assessment in a coal mining area, India". *Arabian Journal of Geosciences*, 9 (3), 1-17. (SCI indexed)
3. Tiwari, Ashwani Kumar, **Prasoon Kumar Singh**, and Mukesh Kumar Mahato, (2016). "Environmental Geochemistry and Quality Assessment of Mine Water of the West Bokaro Coalfield, India." *Mine Water and the Environment*: 1-11. (SCI indexed)
4. Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, Mukesh Kumar Mahato, (2016). "Hydrogeochemical investigation and qualitative assessment of surface water resources in West Bokaro coalfield, India". *Journal of the Geological Society of India*, 87(1), 85-96. (SCI indexed)
5. Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, Abhay Kumar Singh, Marina De Maio, (2016). "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*, 96(4), 508-515.(SCI indexed)
6. Ashwani Kumar Tiwari, Marina De Maio, **Prasoon Kumar Singh**, Mukesh Kumar Mahato, (2015). "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*, 95(3), 304-310. (SCI indexed)
7. Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, Subhash Chandra and Amit Ghosh, (2016). "Assessment of groundwater level fluctuation by using remote sensing and GIS in West Bokaro coalfield, Jharkhand, India". *ISH Journal of Hydraulic Engineering*, 22(1), 59-67. (SCI indexed)
8. Singh, Abhay Kumar, Mondal, G.C., Singh, S., **Singh Prasoon Kumar**, Singh T. B., and Tewary B. K., (2005) "Hydrochemistry of Reservoirs of Damodar River Basin, India: Weathering Processes and Water Quality Assessment". *Environmental Geology*, 4, 1014-1028. (SCI indexed)

9. Singh, Abhay Kumar, Mondal, G.C., Singh, S., **Singh Prasoon Kumar**, Singh T. B., and Tewary B. K. (2007). "Aquatic Geochemistry of Dhanbad District, Coal City of India: Source Evaluation and Quality Assessment". *Journal of the Geological Society of India*, 69: 1088: 1102. **(SCI indexed)**
10. Subhash Chandra, **Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Binay Prakash Panigrahy, Anjani Kumar, (2015). "Evaluation of hydrogeological factors and their relationship with seasonal water table fluctuation in Dhanbad district, Jharkhand, India." *ISH Journal of Hydraulic Engineering*. 21(2), 193-206. **(SCI indexed)**
11. Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, Marina De Maio, (2016). "Evaluation of aquifer vulnerability in a coal mining of India by using GIS-based DRASTIC model". *Arabian Journal of Geosciences*, 9(6), 1-15 **(SCI indexed)**.
12. Mukesh Kumar Mahato, **Prasoon Kumar Singh** and Ashwani Kumar Tiwari "Hydrogeochemical Evaluation of Groundwater Quality and Seasonal Variation in East Bokaro Coalfield Region, Jharkhand, India". *Journal of the Geological Society of India* **(Accepted)**. **(SCI indexed)**
13. Binay Prakash panigrahy, **Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Bijendra Kumar, Anjani Kumar, (2015). "Assessment of heavy metal pollution index for groundwater around Jharia Coalfield region, India". *J Biodivers Environ Sci*, 6(3), 33-39. **(Thomson Reuters)**
14. Binay Prakash Panigrahy, **Prasoon Kumar Singh**, Ashwani Kumar Tiwari and Bijendra Kumar, (2015). "Variation in Groundwater Quality with Seasonal Fluctuation in Jharia Coal Mine Region, Jharkhand, India". *Current World Environment*, 10(1). **(Thomson Reuters)**
15. **Prasoon Kumar Singh**, Binay Prakash Panigrahy and Ashwani Kumar Tiwari. (2015), "Hydro Chemical Investigation and Qualitative Assessment of Surface Water Resources in Jharia Coal Field Region, Dhanbad". *Journal of Chemical and Pharmaceutical Research*, 7(2), 36-41.**(Scopus indexed)**
16. **Prasoon Kumar Singh**, Ritu Ranjan Sinha, Anjani Kumar, (2015). "A Review on Methodology Regarding the Measurement of Soil Infiltration". *International Journal of ChemTech Research*, 7(5), 2381 -2390. **(Scopus indexed)**
17. Binay Prakash panigrahy, **Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Bijendra Kuanr. (2015), "Impact of Climate Change on Groundwater Resources".*International Research Journal of Environment Sciences*. 4(3), 86-92.**(Scopus indexed)**

18. **Prasoon Kumar Singh**, Shonam Sharma, (2015) “A review on impacts of climate change on groundwater resources and its adaptation”. *Bioscience Discovery*, 6(1-I) Special, 5-10.
19. Prabhunath Singh, Ashwani Kumar Tiwari, **Prasoon Kumar Singh**. (2015). “Assessment of groundwater quality of Ranchi township area, Jharkhand, India by using water quality index method”. *Int J Chem Tech Res*, 7(01), 73-79. (**Scopus indexed**).
20. **Prasoon Kumar Singh**, Binay Prakash Panigrahy, Ashwani Kumar Tiwari, Bijendra Kumar, Poornima Verma, (2015). “A statistical evaluation for the groundwater quality of Jharia coalfield, India. *Int J Chem Tech Res*, 7(4), 1880-1888. (**Scopus indexed**).
21. **Prasoon Kumar Singh**, Poornima Verma, Ashwani Kumar Tiwari, Shonam Sharma, Parveen Purty (2015) “Review of Various Contamination Index Approaches to Evaluate Groundwater Quality with Geographic Information System (GIS)” *International Journal of ChemTech Research*, 7(4), 1920-1929 (**Scopus indexed**).
22. Prabhunath Singh, Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, (2014) “Water Quality Assessment of Kanke Reservoir Water of Ranchi Township Area” *Indian Journal of Environmental Protection*, 34 (9), 735-741, (**Scopus indexed**)
23. Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, Mukesh Kumar Mahato, (2014) “GIS-based Evaluation of Water Quality Index of Groundwater Resource in West Bokaro Coalfield, India”. *Current Word Environment*. 9 (3), 843-850. (**Thomson Reuters**)
24. Prabhunath Singh, Ashwani Kumar Tiwari, **Prasoon Kumar Singh**, (2014) “Hydrochemical Characteristic and Quality Assessment of Groundwater of Ranchi Township Area, Jharkhand, India”. *Current Word Environment*, 9 (3), 804-813. (**Thomson Reuters**).
25. **Prasoon Kumar Singh**, Ritu Ranjan Sinha and Monisha Awasthi., (2013) “Water Poverty Index: A Tool for Sustainable Water Management” *International Journal of Earth Sciences and Engineering*, 6(01), 1608-1613. (**Scopus indexed**)
26. **Prasoon Kumar Singh**, Ashwani Kr. Tiwari, Binay Prakash panigarhy, Mukesh Kr. Mahato. (2013) “Water Quality Indices Used for Water Resources Vulnerability Assessment Using GIS Technique: A Review” *International Journal of Earth Sciences and Engineering*. 6(01), 594-1600. (**Scopus indexed**)
27. **Prasoon Kumar Singh**, Ashwani Kr. Tiwari, Mukesh Kr. Mahato., (2013) “Qualitative Assessment of Surface Water of West Bokaro Coalfield By Using Water Quality Index Method” *International journal of Chem. Tech Research*, 5, 2351-2356. (**Scopus indexed**)

28. **Prasoon Kumar Singh**, Dipanwita Bhakat & Gurdeep Singh,( 2011) “Assessment of Groundwater Resources of Panandhro Lignite Mining Region, Gujarat State, India” *International Journal of Environmental Sciences*,1(7), 1549-1558.
29. Bhakat D. **Singh P.K.** Singh Gurdeep, (2010) “Physico-chemical Analysis of Groundwater of Selected Areas of Jharia Coalfield Region, Dhanbad, Jharkhand, India” *International Journal of Applied Environmental Science*, 5,765-770.
30. **Prasoon Kumar Singh**, Ruchi Singh, Dipanwita Bhakat & Gurdeep Singh (2010) “Impact of Climate Change in Mining Region- a case study” *Asia-Pacific Business Review*, (1),128-138. 2010.
31. **Prasoon Kumar Singh**, Ruchi Singh & Gurdeep Singh.,(2010) “Impact of coal mining and industrial activities on land use pattern in Angul-Talcher region of Orissa, India” *International Journal of Engineering, Science and Technology*,2(12),7771-7784.
32. **Singh, P. K.** Singh, Ruchi, Singh Gurdeep.,(2010) “Land Use/ Land Cover Change in Angul-Talcher Region, Orissa, India” *International Journal of Applied Environmental Sciences*, 5(4), 627-636.
33. Singh, Abhay Kumar, Mondal, G.C., Singh, S., **Singh Prasoon Kumar**, Singh T. B., and Tewary B. K., (2005) “Hydrochemistry of Reservoirs of Damodar River Basin, India: Weathering Processes and Water Quality Assessment” *Environmental Geology*, 4, 1014-1028.

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1. Gurdeep Singh and **Prasoon Kumar Singh**, (2013) “Some Indian Initiatives towards Managing Climate Change Impacts Journal of sustainable Planet” vol.4 (1): 57-72, 2013.
2. **Prasoon Kumar Singh**, Mukesh Kr. Mahato, Ashwani Kr. Tiwari., (2013) “GIS based Spatial Analysis of Groundwater Arsenic Contamination and Its Effect on Human Health: A Review” *Indian Journal of Health and Wellbeing*,vol. 4(5), pp 1185-1191. 2013
3. Ashwani Kr. Tiwari, **Prasoon Kumar Singh**, Mukesh Kr. Mahato, (2013) “Groundwater Chemistry and the Health Effects on Human Health: A Review” *Indian Journal of Health and Wellbeing*, vol. 4 (4), pp 923- 927. 2013
4. **Prasoon Kumar Singh**, Ravi Makawana, Ashwani Kumar Tiwari, Mukesh Kumar Mahato. (2013) “Assessment of Variation in Land use Patterns of Jharia Coalfield

Region, Jharkhand” Indian Journal of Environmental Protection; (**Scopus indexed**) 33 (4): 265-275. 2013.

5. Singh, Abhay Kumar, Mondal, G.C., Singh, S., **Singh Prasoon Kumar**, Singh T. B., and Tewary B. K., (2007) “Aquatic Geochemistry of Dhanbad District, Coal City of India: Source Evaluation and Quality Assessment” National Jr. of Geological Society of India. 69: 1088: 1102, 2007.
6. **P.K Singh**, S. Singh, G.C Mondal, A.K Singh, Suresh Kumar, K.K Singh, A. Barat, T.B Singh and B.K Tewary, (2005) “Environmental Status in Mining Areas and Strategy for Making the Nearby Urban Areas Green” Indian Journal of Environmental Protection 25 (11): 1012-1015, 2005.
7. **Prasoon Kumar Singh & Brijendra Kumar Tiwari.**, (2004) “Environmental Management Practices in Mining Areas” The Indian Mining & Engineering Journal; Vol. 43, No. 06, June 2004.
8. **P. K. Singh** (2003) “Impact of Mining on Land Environment” Indian Journal of Environmental Protection” Vol. 23; No. 3; March 2003.
9. **Singh P.K.**, Pal A.K. and Singh T.N. (2000) “Status of noise exposure in Cement preparation plant”, Indian Journal of Environmental Protection, BHU, Varanasi; Vol. 20, No. 12; December 2000.
10. **Singh P.K.** and Tewary B.K.,( 2000) “Environmental legislations with respect to mining sector in India” Indian Mining and Engineering Journal, Bhubaneswar; Vol. 39, No. 4, May 2000.
11. **Singh P.K.**, V.A. Mendhe, K. P. Singh and Singh T.N.,(2000) “An approach of watershed management" Journal of the Public Health Engineers, Calcutta Vol. No. 31998
12. **Singh P.K.**, Prasad S.S. and Singh T.N, (2000) “The status of noise pollution in Dhanbad Municipal Area” Indian Journal of Environmental Protection, BHU, Varanasi, Vol. 20, No. 1, January 2000.
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16. **Singh P.K.**, V.A. Mendhe, K. P. Singh and Singh T.N., “An approach of watershed management" Journal of the Public Health Engineers, Calcutta Vol. No. 31998.
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### **List of papers published in Conferences/Symposia/ Seminars**

#### **INTERNATIONAL CONFERENCES**

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.
2. Ashwani Kumar Tiwari, Muriel Lavy, Gianpiero Amanzio, Marina De Maio, **Prasoon Kumar Singh** (2015). Identification of suitable locations for artificial groundwater recharge in a mining area of India by using remote sensing and GIS techniques. 42nd IAH- AQUA Congress at the Sapienza University, Rome, Italy from 13th to 18th September, 2015.
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, 102<sup>nd</sup> 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, 102<sup>nd</sup> 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 13<sup>th</sup> -14<sup>th</sup> November, pp234-250.
7. **Prasoon Kumar Singh**, Ritu Ranjan Sinha, Evaluation of steady state infiltration rates in the different geological formation of the Dhanbad -Jharia township area. International Seminar on Challenges to Ground Water Management: Vision 2050” held at ITC SONAR, Kolkata, 13th & 14<sup>th</sup> Nov, 2015.
8. **Prasoon Kumar Singh** and Poornima Verma (2014) “Quality Assessment of Mine Water in the West Bokaro Coalfield Area, India” 3<sup>rd</sup> International Conference on Hydrology and Meteorology, (OMICS group), Hyderabad, September 15-16, 2014.
9. Ashwani Kumar Tiwari, **Prasoon Kumar Singh** and Mukesh Kumar Mahato.(2014)“Quality Assessment of Mine Water in the West Bokaro Coalfield Area, India” 3<sup>rd</sup> International Conference on Hydrology and Meteorology, (OMICS group), Hyderabad, September 15-16, 2014.
10. **Prasoon Kumar Singh**, Shonam Sharma (2014) “Adaptation of Climate Change on Water Resources: A Review” 7<sup>th</sup>International Congress of Environmental Research (ICER-14), held at Bangalore, Karnataka, India. 26-28 December 2014.
11. **Prasoon Kumar Singh**, Binay Prakash Panigrahy, Ashwani Kumar Tiwari, Subhash Chandra, Bijendra Kumar (2014) “Physico-chemical Studies on surface water quality in the Jharia coal field region, Dhanbad” P. 21-28 in Global Sustainability Transitions: Impacts and Innovations (ed. G.C. Mishra) at 3<sup>rd</sup> International conference on “Sustainable Innovative Techniques in Architecture, Civil and Environmental Engineering” organized by Krishi Sanskriti at JNU, New Delhi, 26<sup>th</sup> and 27<sup>th</sup> April, 2014. (ISBN – 978-93-83083-77-0).

- 12. Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Mukesh kr. Mahato and Binay Prakash Panigrahy. Hydro geochemical Investigation and qualitative Assessment of ground water Resources in West Bokaro coalfield, Jharkhand. International conference on Harmony with Nature in context of Ecotechnological Intervention and climate change ( HARMONY – 2013), held at department of zoology ,Environmental science and Biotechnology , DDU University, Gorakhpur, U.P. 11-13 November 2013 .
- 13. Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Mukesh kr. Mahato and Binay Prakash Panigrahy. Assessment of surface water chemistry of west Bokaro coalfield, Jharkhand, India. 6<sup>th</sup> International Congress of Environment Research (ICER-13) held at Arungabad, Maharashtra, India December 19-21. 2013.
- 14.** Mukesh Kr. Mahato, **Prasoon Kumar Singh**, Ashwani Kr. Tiwari (2013) “Evaluation of Heavy Metals Pollution Index of Mine Water in East Bokaro Coalfield Region, Jharkhand, India”at International Conference on Advance in Water Resources Development and Management (AWRDM), held at Department of Geology, Panjab University, Chandigarh 23-27 October, 2013.
- 15. Prasoon Kumar Singh**, Ashwani Kr. Tiwari, Mukesh Kr. Mahato (2013) “Groundwater Quality Assessment of West Bokaro Coalfield, Jharkhand, India, Using GIS Technique “at International Conference on Advance in Water Resources Development and Management (AWRDM), held at Department of Geology, Panjab University, Chandigarh. October, 23-27, 2013.
- 16. Prasoon Kumar Singh**, Mukesh Kr. Mahato, Ashwani Kr. Tiwari (2013) “Quantitative and Qualitative studies of groundwater in part of East Boakro Coal Region, Bokaro District, Jharkhand”at Annual General Meeting (AGM) of the Geological Society of India and International Conference on Future Challenges in Earth Science for Energy & Mineral Resources (ESEMR-2013) held at Department of Applied Geology, Indian School of Mines, Dhanbad.
- 17. Prasoon Kumar Singh**, Ashwani Kr. Tiwari, Mukesh Kr. Mahato and Binay Prakash Panigarhy (2013) “Hydrogeochemical Investigation and Qualitative Assessment of groundwater Resources in West Bokaro Coalfield, Jharkhand”at International Conference on Harmony with Nature in Context of Ecotechnological Intervention and Climate Change (HARMONY-2013), held at Department of Zoology, Environmental Science and Biotechnology, DDU University, Gorkhapur, U.P. 11-13 November 2013.
- 18. Prasoon Kumar Singh**, Ashwani Kr. Tiwari, Mukesh Kr. Mahato and Binay Prakash Panigarhy (2013) “Assessment of Surface Water Chemistry of West Bokaro Coalfield,



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19. Mukesh Kr. Mahato, Ashwani Kr. Tiwari, **Prasoon Kumar Singh** (2013) “Study on the Heavy Metal Contamination of Mine Pit Water in East Bokaro Coalfield Region, Jharkhand, India” 6<sup>th</sup> International Congress of Environmental Research (ICER-13), held at Aurangabad, Maharashtra, India December 19-21 2013.
20. **Prasoon Kumar Singh**, Ashwani Kr. Tiwari, Monisha Awasthi, Mukesh Kr. Mahato (2012) “Change Detection Study of Land Use Patterns of Jharia Coal Region, Jharkhand” 4<sup>th</sup> International Conference on “Anthropogenic Impact on Environment and Conservation Strategy, 2-4 November 2012” at Ranchi, Jharkhand.
21. **Prasoon Kumar Singh**, Mukesh Kr. Mahato and A. K. Pal. (2012) “Case Study: Impact of Mining and Allied Activities on Water Resources of East Bokaro Coalfield” 4<sup>th</sup> International Conference on “Anthropogenic Impact on Environment and Conservation Strategy, 2-4 November 2012” at Ranchi,
22. **Singh P.K.**, Bhakat D. & Singh Gurdeep., (2010) “Qualitative and Quantitative Assessment of Groundwater of Coal mining areas, India” International Conference on Environmental Science and Technology held on July 12-16, 2010 at the Hilton Hotel, Houston, Texas, USA.
23. Bhakat D., **Singh P.K.** & Gurdeep Singh., (2010) “Comparative assessment of groundwater resources of Jharia Coalfield Region, Dhanbad, and Jharkhand” International Conference on the theme Mother Earth: Save it for future generations, February 13- 15, 2010, The University of Burdwan.
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27. **Prasoon Kumar Singh**, and Tewary B. K. (2005) “Environmental Issues of Coal Mining & Its Management Strategies” International seminar on Global Coal – 2005, New Delhi, 12-13 April 2005,pp.500-507.
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29. **Singh P.K.**, Singh R. And Tewary B.K., (2000) “Status of environmental degradation - A case study of mining sector" International symposium on Geo-environmental reclamation; organized by SRKNE College, Nagpur on November 20-22, 2000.
30. Tewary B.K., Tiwary R.K., Nityanand B. and **Singh P.K.**, (1999) “Status of environmental degradation in a coalfield area and suggestions of mitigative measures" International Conference on Mining: Challenges of the 21st Century; organized by the Institution of Engineers (India); held on November 25-27 th "1999; New Delhi.
31. **Singh P.K.**, and Prasad S.S. (1999) “Evaluation of impact of coal transportation activity in and around coal mining area and mitigative measures” International symposium on Clean Coal initiatives; held on January 22-24<sup>th</sup>, 1999; New Delhi.

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1. **Prasoon Kumar Singh**, Poornima Verma, Monisha Awasthi, Assessment Groundwater Quality Using Water Contamination Index” at National Conference On Environment Pollution & Protection, NIT Durgapur January 30.february, 2014.
2. **Prasoon Kumar Singh**, Shonam Sharma, Poornima Verma. Trends of Seasonal and Annual Rainfall of Dhanbad, India. 102<sup>nd</sup> Indian Science Congress, held at University of Mumbai, Mumbai, Maharashtra. 3-7 January 2015.
3. **Prasoon Kumar Singh**, Shonam Sharma. Artificial recharge: An emerging tool for water resource management. Challenges and Opportunities for Management of Water Supplies in Rural Areas (COMWRA 2015) at ISM Dhanbad, under KRC (Key Resource Centre) Scheme of Ministry of Drinking Water & Sanitation. 23-24 January, 2015.
4. **Prasoon Kumar Singh**, Parveen Purty. Challenges of watershed management in Rural Areas: Integrated Approach of Water Resource Management. Challenges and Opportunities for Management of Water Supplies in Rural Areas (**COMWRA 2015**) at

ISM Dhanbad, under KRC (Key Resource Centre) Scheme of Ministry of Drinking Water & Sanitation. 23-24 January, 2015.

5. **Prasoon Kumar Singh**, Binay Prakash Panigraphy, Ashwani Kumar Tiwari, Bijendra Kumar.(2014) National Conference on Conservation of Natural Resources and Biodiversity for Sustainable Development (**NCCRB 2014**).
6. **Prasoon Kumar Singh**, Binay Prakash Panigraphy, Ashwani Kumar Tiwari, Bijendra Kumar (2015) “Estimation of Seasonal Groundwater Fluctuation by Meteorological Parameters, Jharia Coalfield, Jharkhand”102nd Indian Science Congress to be held at Mumbai University from 3rd to 7th January, 2015.
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8. **Prasoon Kumar Singh**, Ashwani Kumar Tiwari, Mukesh Kumar Mahato and Binay Prakash Panigarhy (2014) “Hydrochemical Investigation and Qualitative Assessment of Surface water Resources in West Bokaro Coalfield, Jharkhand” at National Conference on water and its sustainability in mining and other environment: Vision 2050 held at Department of Civil Engineering, ISM, Dhanbad, March 28-29 2014.
9. **Prasoon Kumar Singh**, Ashwani Kr. Tiwari, Mukesh Kr. Mahato and Binay Prakash Panigarhy., (2013) National Seminar on Recent Approaches for Water Resource Management” (RAWRM- 2013) on December 9<sup>th</sup> -10<sup>th</sup>, 2013 held at Department of Environmental Science & Engineering Indian School of Mines Dhanbad, Jharkhand, India.
10. Ashwani Kr. Tiwari, **Prasoon Kumar Singh** Manoj Kumar.(2013) “Assessment of Groundwater Quality and Its Suitability for Domestic and Agriculture Uses of Lower Gondwana Coalfield Region, Jharkhand, Indi on December 9<sup>th</sup> -10<sup>th</sup>, 2013 held at Department of Environmental Science & Engineering Indian School of Mines Dhanbad, Jharkhand, India.
11. **Prasoon Kumar Singh**, Subhash Chandra, Pragati Rai and Bijendra Kumar. A Review on Groundwater.(2013) “Resource Management through Artificial Recharging of Aquifer in Hard Rock Terrain and in Alluvial Planes” National Seminar on Recent Approaches for Water Resource Management (RAWRM- 2013) on December 9<sup>th</sup> -10<sup>th</sup>, 2013 held at Department of Environmental Science & Engineering Indian School of Mines Dhanbad, Jharkhand, India.

- 12. Prasoon Kumar Singh, Mukesh Kumar Mahato, P.N. Singh and A.K.Pal.**(2013) Recent Advances to Water Resource Management” National Seminar on Recent Approaches for Water Resource Management (RAWRM- 2013) on December 9<sup>th</sup> -10<sup>th</sup>, 2013 held at Department of Environmental Science & Engineering Indian School of Mines Dhanbad, Jharkhand, India.
- 13. Mukesh Kumar, Mahato, Anjani Kumar, Prasoon Kumar Singh.** (2013) “Appropriate and Reliable Treatment Technology for Mine Water Reclamation” National Seminar on Recent Approaches for Water Resource Management (RAWRM- 2013) on December 9<sup>th</sup> - 10<sup>th</sup>, 2013 held at Department of Environmental Science & Engineering Indian School of Mines Dhanbad, Jharkhand, India.
- 14. Mukesh Kumar Mahato, P. N Singh, Prasoon Kumar Singh.** (2013) “Depth to Water Level Monitoring and Qualitative Analysis of groundwater in part of East Bokaro Coalfield Region, Bokaro District, Jharkhand” National Seminar on Recent Approaches for Water Resource Management (RAWRM- 2013) on December 9<sup>th</sup> -10<sup>th</sup>, 2013 held at Department of Environmental Science & Engineering Indian School of Mines Dhanbad, Jharkhand, India.
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