



WHSC 2009: List of Accepted Extended Abstract (as on November 10, 2009)

| Paper Title | Authors | Country |
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| A Solution To The Drinking Water Problem | Prof. S. D. Agashe | India |
| Sanitation practice and human health status in Bangladesh | Dr. Abdullah Al-Muyeed, Dr. M. Habibur Rahman, A. Ahmed and Md. Saiful Islam | Bangladesh |
| Biodegradability Studies of Volatile Organic Compounds From Pharmaceutical Industries | Mr. P. Balasubramanian Ligy Philip and B S Murty | India |
| Natural Water Resources Management-North Sahyadri Region | Mrs. Prajakta Baste | India |
| A Comparative Study of Narmada River Water Quality Before and After Maha- Shivratri Festival at Omkareshwar, Madhya Pradesh | Mr. Avdesh Bhardawaj, Mr. Anand Kumar Gupta and Miss Shukti Tomar | India |
| A case study on rainwater harvesting in sports complex of district Sirsa, Haryana | Dr. Baldev Setia, Er. Upain Bhatia and Dr.Vikas Garg | India |
| Rain water harvesting and ground water recharge of M. M. Engineering College, Mullana- A case study | Er. Upain Bhatia, Dr. Vikas Garg and Dr. Baldev Setia | India |
| What Do We Need Today- Green Buildings Or Extinct of Potable Water? | Miss Sagarika Bhattacharya. Dr. Sushmita Bhattacharya and Dr. Anindita Bhattacharya | India |
| Evolution of eco-sanitation | Mr. Arghya Kamal Chatterjee and Miss Sayantani Ghosh | India |
| Analysis of Pore Scale Mercury Entrapment in Glass Bead Micromodel Studies. | Miss Devasena M and Dr. Indumathi M Nambi | India |
| A Review: Techniques and trend available for removal of arsenic | Dr. Dharmendra | India |
| Optimization of bio-surfactant production by <i>Pseudomonas sp.</i> (MTCC 10032) under anaerobic condition | Mr. John D Albino and Dr. Indumathi M Nambi | India |





| Reuse of wastewater for industrial demands: a petrochemical industry case | Dr. Mohammed Hussain Essa and Al-Zahrani, Muhammad Abdalla | Kingdom of Saudi Arabia |
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| Rain Water Harvesting and Recharge of Ground Water in Rohtak District (Haryana) - A Field Study | Dr. Arun Goel and Dr. Baldev Setia | India |
| CuFe ₂ O ₄ electrospun nanofibers application for removal of Ni ²⁺ in aquase solution | Miss. B. Heli, Gh. Amoabediny, M. shariaty-Niassar, and S. vahabzadeh | Iran |
| Assessment of Storage Potential of Dams Through Remote Sensing - A Scenario in Maharashtra. | M.S.Mundhe, V.B.Pandhare, S.K.Kalvit and S.N.Kulkarni | India |
| Effect of pH on adsorption of protein in activated sludge on SBA-15 Nano-adsorbent | Mr. M.A.Khoddam, Mr. M.R.Mehrnia, Mr. A.M.Rashidi, Mr. H.Azami | Iran |
| Subterranean Removal of Arsenic from Ground water through in-situ treatment technology | Miss Sunita kumari and Amitava Bandhopadhayay | India |
| Water Saving Through Loss Reduction by Converting Open Canal into Circular Channel | Dr. Sunil Kute and Mr. K. L. Bidkar | India |
| Rising incidences of water-borne diseases: How effective are state policies and programmes related to drinking water in India? | Dr. K.Mitra, P.K.Biswas and Nabamita Bag | India |
| Water quality of rooftop rainwater harvesting systems | Meera V and Dr. M Mansoor Ahammed | India |
| Impact of poorly maintained wastewater and sewage treatment plants: Lessons from South Africa | Vusumzi Mema | South Africa |
| Hydrocarbon removal from refinery wastewater in SMBRs | Mr. A. Moosavi, M. R. Mehrnia, M. Rahimzadeh, F. Pajoum Shariati, H. Fatoorehchi, A. Nourbakhsh, M. H. Sarrafzadeh | Iran |
| Saline water Intrusion and Upconing during pumping from Coastal Collector Well | Dr. Indumathi M. Nambi, Mr. John Albino and Major Satish Jadhav | India |





| Conserving water resources through agricultural reuse of wastewater: Experiments using blending concept | Dr. Jayeshkumar S. Patel and Prof. G. S. Parthasarathy | India |
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| Effect of Mass Bathing on Water Quality of Brahma and Sannihit Sarovers | Dr. Shailendra Kumar Patidar | India |
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| Innovative techniques for rain water harvesting and water storage | Miss Shailja Patwa | India |
| A Short Study of Rainwater Harvesting in India | Mr. Chandrabhan Prajapati | India |
| GIS-based identification of potential areas in a state for Rainwater Harvesting | Ms. Nancy Raina | India |
| Simulation Modeling For Sizing of Lined and Unlined Rainwater Harvesting Structures For Various Crop Substitution Ratios in Rainfed Uplands | Sri B C Sahoo, Prof. S N Panda and Prof. B Panigrahi | India |
| Satellite Based Inputs For Irrigation Water Management | Miss Satyavati Shukla, Mr. Anoop K. Shukla, Dr. A.V. Suresh Babu and A. Lesslie | India |
| Photocatalytic degradation of pesticide from drinking water system under visible and UV light: A comparative study | Mr. J. Senthilnathan and Mr. Ligy Philip | India |
| Absorption and Toxicity of Chromium in Five Species of Aquatic Vascular Plants | Miss Deepika Sharma and Swadesh Kumar | India |
| Conserving Water logged area as a tool to recharge water table : Emerging new frontiers for metropolitan cities | Miss Purnima Sharma, Mrs. Neetima Sateeja and Dr. Vibhuti Rai | India |
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| Planning of river bank filtration technique for revival of defunct radial collector wells for urban water supply in a water deficit area | Dr. Anupam K Singh, Mr. Govind Shah and Mr. Vinay Sharma | India |
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| Jharia Action Plan: An Opportunity for Roof Water Harvesting | Dr. Alok Sinha and Gurdeep Singh | India |
| Anaerobic MBR – A viable Technology for the future | Mr. H.B.Sivakumar | India |
| Cr(VI) reduction in Aquifers by Combined Action of Iron Reducing Bacteria and Chromium Reducing Bacteria: Column Experiments and Modeling | Mr. V. Somasundaram, Prof. Ligy Philip, and Prof. S Murty Bhallamudi | India |
| Rain Water Harvesting and Environmental Concerns in Jaunpur Branch Sub- Basin | Dr. Seema Srivastava and Dr. Alpana Srivastava | India |
| Watershed Management:-Issues & Challenges | Mr. Surya Bhushan Tiwari | India |
| A Solution to Conservation of Groundwater – Artificial Recharge | Mr. Prateek Varma, Dr. Abhishek Chandra, Miss Pallavi Saxena and Richa Bhardwaj | India |
| Storing seepage water in landslide-prone areas as a remediation for landslide as well as Water harvesting for mountainous areas | Droupti Yadav, Mujeeb Akhtar, Anamika Singh and Vibhuti Rai | India |
| Monitoring the seasonal variations of fluoride contamination of water samples from the Sitalakhya and the Balu river | Mr. M. Zakarul Islam, Noori A, Rafiqul Islam M. and Quraishi S. B. | Bangladesh |





| Economic Advantage of Rainwater Harvesting Over Water Borehole, A Sustainable Development at the Extension Site Federal Polytechnic OKO | Er. OTTI Victor | Nigeria |
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| Low blue water, less green water: Building capacity for water scarcity adaptations | Mohammad Mojtabaei | Iran |
| Ground water prospects study through conjunctive use of optical and microwave remote sensing data and GIS techniques: A case study of Karoran Nala Watershed of Districh Hamirpur, Uttar Pradesh, India | Rohit Agarwal, D. Mishra, Meghraj and Arjun Singh | India |
| Water Harvesting, Storage and Conservation Practices in North-Eastern States of India | Mohammad Jawed, Ramizuddin Ahamed and Kamal Uddin Ahamad | India |
| Study of Removal Pb from industry waste water by magnetite iron Nanoparticles | S. Abedini and R. Alizadeh | Iran |
| Scientific Promotion of Water Harvesting through Rainwater Quality Analysis | Dr. V.R. Desai | India |
| Biosorptive remediation of arsenic from water using rice polish in continuous mode | D. Ranjan and S. H. Hasan | India |
| Regulatory Measures for Rain Water Harvesting In Different States | Ranjeet Sen Gupta | India |
| Remediation of Heavy Metals from Ground Water using Zero-valent Iron Nano-particles: Prospects and Challenges | Guttapati Sudarsan, Vamshi Krishna Reddy, Shashikant Patel, Abhishek Gaur and Subrata Hait | India |
| Rain Water Harvesting | Sheo Prasad Shukla and Anil Kumar | India |
| Bore Blast Technique - An emerging method for ground water sustainability in Bundelkhand area of U.P. | Dr. R. A.Yadav | India |





| Rain Harvesting, Soil Conservation and Livelihood in the Tropical Region of Nigeria | Sidney Olisa Ezenwa | Nigeria |
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| Jaloday Yojana - A National Program for Rain Water Harvesting In Urban Areas | Prof. Uday Chipalkatty | India |
| Importance of Surface Water Bodies for Groundwater Recharge, Ahmedabad Urban Areas, Gujarat State, India | Prakash R Gupte, Anoop Nagar and Padam K Jain | India |
| Biodegradation of 2,4-Dichlorophenol by Aerobic Granulation Technology | Mohammad Zain khan, Farah khan, Suhail Sabir | India |
| Importance of Percolation Tanks for Ensuring Sustainable Development of Ground Water in Hard-Rock Aquifers in India – The Role of Project GROWNET | Dr. S.D. Limaye | India |
| Low blue water, less green water: Building capacity for water scarcity adaptations | Mohammad Mojtabaei and Mahashid Jalili | Iran |
| A GIS based Geomorphic Approach for Identification of Potential Sites for Rainwater Harvesting in Bankura and Purulia Districts, West Bengal | Mahesh Chandra Bitra, Amarjeet Singh, Krishna Kumar Budania and Dr. K.N. Tiwari | India |
| Understanding Cr (VI) Transport through Concrete | Amarjeet Singh, Chitnis Neha Satish, Dr. P. Bose and Dr. Sudhir Mishra | India |

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