

Papers Published (2014 - 2015)

April - 2014	
1	R. Rangarajan, Rolland Andrade, G.B.K. Shankar, D. Muralidharan, E. Peters "Understanding area specific recharge process from Vadoze zone resistivity variations - A case study in basalt watershed, Ujjain district, Madhya Pradesh", Journal of Indian Geophysical Union, V.18, No.2, pp:211 - 224, April 2014
2	Kannan S., S. Ghosh, V. Mishra, K. Salvi "Uncertainty resulting from Multiple Data Usage in Statistical Downscaling", Science Citation Index (SCI) Journal, Res. Lett., doi : 1002/2014GL060089, April 2014
3	Jagtap R.S. "Effect of record length and recent past events on extreme precipitation analysis" Current Science, Vol.106, No.5, March 2014
May - 2014	
4	Singh Raghuram B., M.N. Singh "Estimation of transmission losses in irrigation canals - A case study, A half yearly technical journal of Indian Geographical Committee of IWRA, Vol. 3, No.1 January 2014 pp 11-13, May 2014
June - 2014	
5	Hradaya Prakash "Prediction of Flow Resistance in Gravel Bed River", International Journal of Engineering & Technical Research, Vol-2, Issue-4, pp 681-687, April 2014
6	Rangarajan R., D. Muralidharan, Subhash Chandra, D.V. Reddy, Rolland Andrade, Shakeel Ahmed "Time Lapse Tracer and SP Measurements to Characterize the Hydrodynamics of Fractured Granite Aquifer : A Case Study", Journal of Geological Society of India,, Vol.83, pp 681-687, June 2014
July - 2014 (NIL)	
August - 2014 (NIL)	
September - 2014	
7	Burele S.A., Nayan Sharma, Z. Ahmad, Ishwer D. Gupta "Numerical Simulation- Optimization for Channelization of River Kosi", International Journal of Scientific Engineering and Technology Society,, ISSN 2277-1581, pp 1149 - 1155, September 2014
8	Manivanan R.(Dr.), S.N. Jha, M.D. Kudale "Locating the intake and outfall structures of coastal plants through thermal/ salinity dispersion studies", International Journal of Earth Sciences and Engineering,, ISSN 0974-5904, Vol 07, No. 02 April 2014, September 2014
9	Vaidya A.M. (Mrs.), K.H. Barve, S. Kori, M.D. Kudale "Mathematical Modelling of short wave propagation over a complex bathymetry", International Journal of Earth Sciences and Engineering,, ISSN 0974-5904, Vol 07, No. 02 April 2014, September 2014
10	Mahalingaiah A.V., M.D. Kudale "Hydraulic model studies for safe and optimal design of Rubbie mound breakwaters", International Journal of Earth Sciences and Engineering,, ISSN 0974-5904, Vol 07, No. 02 April 2014, September 2014
11	Ranganath L.R, A.K.Singh, B. Krishna and Kudale M.D., "Model studies for development of shipping channel on a river mouth with wide tidal flat ", INDO-JAPAN workshop on "River Mouths Tidal Flats and Lagoons", IIT Madras, ,September 2014
12	Kudale M.D., A.V, Mahalingaiah "Hydraulic model studies for the design of training walls for the development of a minor part in the mouth of tidal inlet", INDO-JAPAN workshop on "River Mouths Tidal Flats and Lagoons", IIT Madras, ,September 2014
13	Sarvesh Kumar Yadav, Rochna Srivastava, M.M. Rao "Research Trend of Doctoral Dissertations submitted to Bundelkhand University, Jhansi", International Journal of Library and Information Management",, Vol.5 No.1 Jan-June 2014, September 2014
October - 2014	
14	Qamar M.Z., M.K. Verma, A.P. Meshram, M.K. Pawar "Review of Sediment Control Measures in Reservoirs", IWRA Journal, Vol. 3, No.2 July 2014, July 2014
15	Arora Mukesh, Smt. A.R. Khaladkar "Canal Automation - To Raise Water Use Efficiency ", Seminar

	on "Reforms in Management of Public Irrigation System", 30-31 October 2014
16	Qamar M.Z., M.K. Verma, Dr.(Mrs.)V.V. Bhosekar, A.P. Meshram "Critical Review of Various Approaches for Settling Efficiency of Desilting Basins ", CBIP Conference on Challenges and Barriers in Hydropower Development" during 18-19 Sep 2014, September 2014
November - 2014	
17	Ranganath L.R., B. Krishan, T. Nagendra "Silt mitigation measures for a navigational channel in a complex estuary", Journal, Vol.43(7), July2014, pp,1385-1392, July 2014
18	J.K. Catherine, V.K. Gahalaut, Bhaskar Kundu, A. Ambikapathy, Rajeev K Yadav, Amit Bansal, M. Narsaiah, S.M. Naidu "Low deformation rate in the Koyna-Warna region, a reservoir triggered earthquake site in west-central stable India", Journal of Asian Earth Sciences, November 2014
19	Chaudhari M.S., M. Majumder, J. Roy, V. Bagade, S. Ranga, R.S. Ramteke "Seismic and Electrical Tomography surveys for the safety of dam structures", 51st Annual Convention of Indian Geophysical Union (IGU) on "Earth Sciences and Society", Kurukshetra, Haryana, November 2014
20	Chaudhari M.S., Ch. Subbarao, V. Chandrasekhar, J. Roy, R.S. Ramteke "Ground Penetrating Radar studies for locating buried boat wreck", 51st Annual Convention of Indian Geophysical Union (IGU) on "Earth Sciences and Society", Kurukshetra, Haryana, November 2014
21	Subba Rao Ch., Chandrasekhar V "Detecting oil contamination by ground penetrating radar around an oil storage facility in Dhanbad, Jharkhand, India, v.18, No.4, pp:448-454,October 2014
22	Prabhakar Eknath Rao S., G. Dhanunjaya Naidu, T. Harinarayana, S.V.S. Sarma, A.K. Gupta "An anomalous high conductivity upper crustal body detected underneath the surajkhand hot spring area from a magnetotelluric study", Journal, V.18, No.4, pp :425-433,October 2014
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24	Choudhari R.K., A.M. Vaidya, S. Kulkarni, M.D. Kudale "Optimum layout of approach channel to a port",HYDRO 2014, MANIT, Bhopal, pp 1091-1096, December 2014
25	Tripathy G.R., I.D. Gupta "Safety Criteria against blast vibrations for structures in Green and Fully Cured Concrete", Journal of Structural Engineering, Vol 41, No.5, Dec 2014 - Jan 2015 pp.468-474, December 2014
26	Gadge Prajakta P., Prof. Jothiprakash, Dr.(Mrs.)V.V. Bhosekar "Numerical Modeling for orifice spillway", HYDRO 2014, MANIT, Bhopal, pp 1217-1225, December 2014
27	Kulhare Amit, Dr. M.R, Bhajantri "Experimental and three Dimensional Numerical studies for a sluice spillway, International Journal of Engineering Research (IJER), pp 15-18, December 2014
28	Arun Kumar, Dr. R.G. Patil, V.K. Barodiya, M.N. Singh "Assessment of waterways for series of multiple bridges across a river floodplain", HYDRO 2014, MANIT, Bhopal, pp 262-266, December 2014
29	Banotu R.S., Dr.R.G. Patil, M.N. Singh "Studies for location of bridges in the vicinity of the existing hydraulic structures", International Journal of Engineering Research (IJER), pp 27-30, December 2014
30	Purohit A.A., Dr. M.M. Vaidya, A. Basu, K.A. Chavan "Importance of modeling in fixing orientation of bund at the mouth of narrow steeply graded creek for safe berthing in macro tidal region", HYDRO 2014, MANIT, Bhopal, pp 46-50, December 2014

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32	Prabhat Chandra, P.L. Patel, P.D. Porey "Contrast in sediment yield patterns of sub catchments of upper Tapi", HYDRO 2014, MANIT, Bhopal, pp 699-710, December 2014
33	Ranganath L.R., B.Krishna, M.D. Kudale "Numerical model studies for hydrodynamic aspects of a multi-cargo port", HYDRO 2014, MANIT, Bhopal, pp 1143-1152, December 2014
34	Selva Balan M., Arnab Das "Performance Comparative of Wavelets and Savitzky-Golay Filter on Bathymetry Survey Data", International Journal of Engineering Research (IJER), pp 213-218, December 2014
35	Das S.N. (Dr.), Ms. S. Kulkarni, M.D. Kudale "Selection of fender system",HYDRO 2014, MANIT, Bhopal, pp 27-30, December 2014
36	Malik Kuldeep, Dr.R.G. Patil, M.N. Singh "Optimal design of intake upstream of A weir - A Case Study", International Journal of Engineering Research (IJER), pp 50-54, December 2014
37	Mahalingaiah A.V., B.R. Tayade, M.D. Kudale "Importance of site specification design for the coastal protection measures", HYDRO 2014, MANIT, Bhopal, pp 35-39, December 2014
38	Sinha J., A.K. Bagwan, M.D. Kudale "Simulation of hydrodynamics and siltation in a typical harbour on east coast of India", HYDRO 2014, MANIT, Bhopal, pp 1097-1106, December 2014
39	Kulhare Amit, P.P. Gadge, Dr.M.R. Bhajantri, Dr.(Mrs.)V.V.Bhosekar "Numerical Flow Simulation through a breastwall Spillway - An Application of CFD Software "Flow-3D", HYDRO 2014, MANIT, Bhopal, pp 430-440, December 2014
40	Rama Rao V.S., K.T. More, Dr. M.R. Bhajantri, Dr.(Mrs.)V.V. Bhosekar "Hydraulic Design aspects of stilling basin with sloping apron", International Journal of Engineering Research (IJER), pp 42-45, December 2014
41	Patnaik Sangeeta, B.S. Sunderlal, B.M. Simpiger, Mrs.Vaishali Gadhe "Experimental Investigations for Hydraulic Design of Kotlibhel Dam Spillway Stage-1A, Uttarakhand - A Case Study", HYDRO 2014, MANIT, Bhopal, pp 441-452, December 2014
42	Chaudhari M.S., V. Chandrashekhar, Vivek Bagade, R.S. Ramteke "Underwater Seismic Reflection Survey using Chirp Sonar for the development of Port", HYDRO 2014, MANIT, Bhopal, pp 51-54, December 2014
43	Barve K. H., L. R. Ranganath, M.D. Kudale, M. Karthikeyan "Assessment of water tranquility in the proposed harbour with RO - RO jetty", HYDRO 2014, MANIT, Bhopal, pp 1136-1142, December 2014
44	Sahoo G.C., M.S. Bist, K.U. Furande, P.M. Abdul Rahiman "Performance evaluation of solar submersible pump - a case study", Indian Journal of Power and River Valley Development, pp 148 - 151, September 2014
45	Burele S.A., Nayan Sharma, Z. Ahmad, I.D. Gupta "Morphological changes of river Kosi from Chatra to Nirmali", HYDRO 2014, MANIT, Bhopal, pp 109-123, December 2014
46	Burele S.A., Nayan Sharma, Z. Ahmad, I.D. Gupta "Use of Artificial intelligence for Sediment Rating and Gauge Discharge Curve", HYDRO 2014, MANIT, Bhopal, pp 347-361, December 2014
47	Ghadage Anjali, M. Selva Balan, Sushama Shelke "Estimation and Detection of MULTipath Noise in

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48	Solanki P.S., R.N. Sankhua, B. Vijaya Kumar "Irrigation & Water Use Efficiency by Interactive Irrigation Information System (IIS) using Visual Basic", Journal of Engineering, Science & Management Education, pp 303-307, December 2014.
49	Tarudkar P.H., G.V. Ramana Rao "SeaBuoySoft - an On-line Automated Windows based Ocean Wave height Data Acquisition and Analysis System for Coastal Fields Data Collection", International Journal of Engineering Research and Application, ISSN 2248-9622, Vol. 04, Issue 12 (Part 3), December 2014.
50	Sahu K.C. "Flow over an erodible broad crested weir", International Journal of Engineering Research and Applications (IJERA), January 2015.
51	Naidu G.D., Sachin Khupat, D.K. Awasthi "Deciphering the seismicity pattern from MEQ study at Indira Sagar reservoir area, Madhya Pradesh, India", Journal of Indian Geophysical Union, Vol 19, No.1, pp 55-61, January 2015.
52	K. Kumar, C.S. Ekhande, A.V. Munde, R.M. Nanaware, M.G. Nikam, A.P. Kaldate "Installation Effects of Transit Time Ultrasonic Flow Meter on Sloped Straight Pipes", 3rd National Conference on Innovations in Mechanical Engineering (NCIME-2015), SIT, Lonavala, pp 116-122, January 2015.
53	Solanki P.S., R.N. Sankhua, P.R. Khatarkar "Web based Irrigation Management System (WIMS) in Enhancing Water Use Efficiency", India Water Week 2015, Vigyan Bhavan, Pragati Maidan, January 2015.
54	Vivekanandan N., Dr. C. Ramesh, R.S. Jagtap "Assessment of Probability Distributions for Flood Frequency Analysis, India Water Week 2015, Vigyan Bhavan, Pragati Maidan, January 2015.
55	K. Kumar, K.U. Farande, S. Ajai, T.K. Swain, P.K. Goel "Performance of Modified Electromagnetic Flow meter on Rectangular Duct", 3rd National Conference on Innovations in Mechanical Engineering, SIT, Lonavala, pp 111-115, January 2015.
February - 2015	
56	Ghodake V.K., N.B. Varshikar, R.R. Shirke, G.R. Tripathy "Ultrasonic pulse velocity measurement for evaluation of in-situ quality of concrete - A case study, National Level Conference on Recent Trends in Science and Engineering (NCRITSE-2014), Dr. D.Y. Patil School of Engineering and Technology, December 2014.
57	Ghodake V.K., G.R. Kulkarni "Effect of low frequency mechanical vibrations on human blood (in vitro)", Souvenir for State Level Seminar on Emerging Trends in Physics (ETP-2015), Anantrao Pawar College, Pirangut, Pune 412115, February 2015.
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50	Subba Rao Ch., M. Majumder, J. Roy, M.S. Chaudhari, R.S. Ramteke "Delineating coal seams and establishing water tightness by electrical resistivity imaging", Current Science,, Vol. 103(3), pp 427-434, February 2015.

60	Ghodake V.K., Sarika Hinge, Gauri Kulkarni "Effect of mechanical vibrations in the range of earthquake frequencies on hemoglobin protein", Journal of Proteins and Proteomics,, Vol. 6, No.1, pp 134-135,February 2015
61	Dhawan K.R. (Dr.) "Shear strength evaluation for dam foundations on rock", Journal of Rock Mechanics & Tunnelling Technology (JRMTT), Vol. 21(1), pp 21-38, March 2015.
62	Tripathy G.R., R.R. Shirke "Underwater drilling and blasting for hard rock dredging in Indian Ports – A Case Study",Journal of Aquatic Procedia,, Vol. 4, pp 248-255, March 2015.