

**PUBLICATIONS 2013-2014**

<b>Sl No</b>	<b>Name of author/s</b>	<b>Title of work</b>	<b>Name of publication</b>
<b>INTERNATIONAL JOURNALS (5)</b>			
1	Arun S., Devadas Menon and Meher Prasad A.	Dynamic amplification for highway bridges – State of the Art	Journal of Structural Engineering, Oct-Nov 2013
2	Fazna Nazim and Meera V.	Treatment of synthetic greywater using 5% and 10% garbage enzyme solution	International journal of Industrial Engg and Management Science ISSN2277-5056 2(4),111-117(Dec2013)
3	Anjali P. Sasidharan and Meera V.	Performance evaluation of treatment of grey water by downflow hanging sponge biotower using aerated aerobic sludge and micro algae chlorella	International journal of Engineering Research Science and Technology ISSN 2319-5991.2 (4),13-20(Nov 2013)
4	Mahipal D., Krishnanunni P., Mohammed Rafeekh P. and Jayadas N. H.	Analysis of lubrication properties of zinc-dialkyl-dithio-phosphate (ZDDP) additive on Karanja oil (Pongamia pinnatta) as a green lubricant	International Journal of Engineering Research Vol No.3, Issue No.8,pp 494-496
5	Sajikumar N. , Gigo Pulikkottil	Integrated Remote Sensing and GIS Approach for Groundwater Exploration using Analytic Hierarchy Process (AHP) Technique	International Journal of Innovative Research in Science, Engineering and Technology Volume 2, Special Issue 1, December 2013 pp.66-74
<b>NATIONAL JOURNALS(3)</b>			
1	Jayaprakash P. and Meera V.	A review on removing natural organic matter for reducing disinfection by-products	J of Environmental science and Engineering, NEERI, 2013
2	Joji V. S., Muhammed Rafeekh P., Somasekharan Pillai M. and Mohammed-Aslam M. A.	Multi-Temporal and Statistical Analysis of water chemistry of Flouride rich deep coastal Aquifer of Alappuza, Kerala, India	Indian Journal of Geomorphology, Vol 19(1), Jan-June 2014, pp 1-15

3	Vinod P., Lalu M. and Jeenu G	A Simplified mix Proportioning method for high performance concrete	The Indian Concrete Journal 2013
	<b>INTERNATIONAL CONFERENCE (34)</b>		<b>Name of conference</b>
1	Jayaprakash P., and Meera V.	Removal of Natural Organic Matter from Raw Waters using Enhanced Coagulation	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp245-250
2	Fazna Nazim and Meera V.	Treatment of Greywater using Garbage Enzymes for Reuse Applications	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp241-244
3	Ponsy Paul and Sumam K. S.	Assessment of Coastal Vulnerability along Chavakkad, Kerala Coast in India using Geospatial Techniques	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp335-339
4	Chithra M., and Sumam K. S.	Flood Risk Assessment by GIS and Hydraulic Model	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp315-318
5	Shoy T.S., and Sumam K. S.	Assessment of Vulnerability to Groundwater Pollution using Fuzzy Logic	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp310-314
6	Chris Merin Varghese and Sosamony K. J.	Biological Removal of Nitrate from Water	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp266-268
7	Mulla Anto and Minimol Pieus T.	Comparing Fenton and Electro Fenton Methods for the Treatment of Landfill Leachate	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp255-259
8	Kavitha, K., and Minimol Pieus, T.	Simulation, Assessment and Renovation of the Water Supply System at Pangarapilly and Pulakode villages in Thrissur District	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp251-254

9	Beena P. Nambiar and Meena John	Evaluation of the Effect Natural Zeolite Particle Size on Treatment of Greywater in a Biological Aerated Filter (BAF)	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp260-265
10	Remya Raju and Bindu A. G.	Comparative Study on the removal of Cu(II) Ions from Aqueous Solution using Mango Leaves Powder, Activated Carbon and water Hyacinth	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp269-274
11	Jinitha Varghese and Bindu A. G.	Geotextile baffle wall contact system (GBCS) for the treatment of greywater	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp340-346
12	Sudhher P., Sumam K.S. and Sajikumar N.	A Critical Review of Proposed Policy Guidelines for Sustainable Water Sharing in India	International Symposium on Water Resources Management <b>IWRM-2014</b> , Kozhikode, February 19-21, 2014.
13	Sudhher P., Sumam K.S. and Sajikumar N.	Modelling Environmental Flows Augmentation For Ecosystem Conservation and Sustainable Water sharing,	International Symposium on Water Resources Management IWRM-2014, Kozhikode, February 19-21, 2014.
14	Hemanth T. S., Reeba Thomas and Vinod P. G.	A Study on Soil Erosion at Malampuzha Reservoir Basin	Proceedings of ICGE 2012, December 3-4, 2012 (paper No. C002)
15	Reshma Antony, Dinil Sony C., Abdulla P. K. and Reeba Thomas	Impact of Sand Mining to the Islands in Purathoor Estuary in Bharathpuzha Basin	International Symposium on Integrated water Resources management (IWRM-2014), CWRDM, Kozhikkode
16	Miji Cherian R. and Bharati Raj	An Effective Analytical Model for Predicting Creep Coefficient	Proceedings of Second International Conference on Sustainable Innovative Techniques in Civil and Environmental Engineering, Jan 2014, Jawararlal Nehru University, New Delhi

17	Indu M., and Bindu G.	Quantification of CO <sub>2</sub> of Government Engineering College and its Analysis Using SPSS	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp356-360
18	Chithira Ajeeth and Reeba Thomas	Water Balance Study on Karuvannur River Basin Using SWAT	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp287-290
19	Daya Damodar and Reeba Thomas	Soil Erosion in Peechi Reservoir Catchment Using Erosion Potential Model	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp291-294
20	Ginu S Malakeel and Vargheese K.O.	Impact of Urbanization on the Natural Groundwater Recharge of Karuvannur Watershed	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp295-300
21	Krishnapriya, R., Ajish, V.C., and Vargheese, K.O.	GIS Integrated Ground Water Flow Modelling Using Visual MODFLOW	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp235-240
22	Aparna, S., and Vineetha Basil	Drought Vulnerability Assessment Using GIS Tools	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp281-286
23	Ayana, V.S., and Vargheese K.O.	Estimation of Flood Hydrograph using IUH and GIUH Based Clark Models	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp325-329

24	Libin Babu and Thulaseedharan V.	Groundwater Depth Prediction by Using Artificial Neural Network	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp350-355
25	Sherjah P.Y. and Sajikumar N.	SWAT Model as aTool for Chalakkudy river management	International Symposium on Water Resources Management IWRM-2014, Kozhikode February 19-21, 2014. pp.271-278.
26	Arun S, Menon D, A. Mehar Prasad	Traffic Induced Dynamic Effects on Highway Bridges, Keynote address	International Conference on Advances in Civil Engineering, SRM University, Chennai, March 2014
27	Arya Krishnan and Anand Lali Neera	Oil and Biodiesel production Oedogoniun algae	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp347-349
28	Reshma Antony, Dinil Sony C. and Reeba Thomas	Rapid Environmental Impact assessment of manual dredging at Ponnani port using RIAM method	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp319-324
29	Remya R.S. and Sajikumar N.	GIUH as Tool for the Simulation of Floods in a Small Catchment in Kerala	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp306-309
30	Sherjah.P.Yusuf Ali and Sajikumar N.	Assessing the Impact of Hydrologic Alterations on Chalakkudy River using the Basin-Scale Model SWAT	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp301-305
31	Vidya Gopinath K., Anupriya R. and Mohammed Rafeekh P.	GIS based Impact Assessment of Endosulfan in the Groundwater Resources of Kasargod	Proceedings of Third International Conference on Materials for Future, November 2013,Vol 1, pp275-280

32	Gigo P. and Sajikumar N.	Integrated remote sensing and GIS approach for ground water exploration using analytic hierarchy process	International conference on energy and environment, Rajiv Gandhi Institute of Technology Kottayam, Dec 12-14, 2013.
33	Serin Shaju and Anand Lali Neera	Soak pit modification for septic tank effluent treatment	Proceedings of Third International Conference on Materials for Future, November 2013, Vol 1, pp229-234
34	P. Vinod and Bindu J.	Variation in grain size distribution characteristics of highly plastic clay under loading	International Symposium on Advances in Foundation Engineering (ISAFE 2013) 5-6 December 2013 Singapore
	<b>NATIONAL CONFERENCE(19)</b>		<b>Name of conference</b>
1	Sajana P. and Nowshaja P. T.	Estimation of sediment yield on Malampuzha river catchment using SWAT	Second national conference on emerging trends in computing, June 2013, Government Engineering college, Trichur, Kerala
2	Fazna Nazim and Meera V.	Treatment of synthetic greywater using garbage enzyme solution after 3 months of fermentation period	National Conference on advances in manufacturing, systems and processes, NAIMSAP 2013, Dept of Production Engg, Govt Engg College, Thrissur(9-11OCT)
3	Krishnapriya R and Varghese K. O.	Role of GIS in ground water flow modelling	Second national conference on emerging trends in computing, June 2013, Government Engineering college, Trichur, Kerala
4	Sumam K. S. and Shoy T. S.	Assessment of vulnerability to Groundwater Pollution using GIS based DRASTIC model	Second National Conference on Emerging Trends in Computing (NCETIC13), 13-15 June
5	Asha K. Krishnan and Bindu G.	Analysis of Carbon Footprint of Households Using SPSS	14 th NCTT - August 2013, CET, Trivandrum

6	Daya Damodar and Reeba Thomas	A study on soil erosion in Peechi reservoir catchment using Water Erosion Prediction Project Model	Climatic Scenario and Sustainable Resource Management (CSSR2014), 17-19 Jan 2014, NSS Palakkad
7	Miji Cherian R. and Bharati Raj J.	Comparison of international Code Provision for Longterm Cracking	Proceedings of National Conference on Trends and Recent Advances in Civil Engineering,Jan 2014,SNGCE
8	Chithra Ajeeth and Reeba Thomas	A study on impact of land use changes in Karuvannur river basin using SWAT	Proceedings of National Conference on Changing Climatic Scenario and Sustainable Resource Management (CSSR2014), 17-19 Jan 2014, NSS Palakkad
9	Miji Cherian R.	An effective Analytical Model for Predicting Shrinkage of Concrete	National Conference ofn Innovations in Mechanical Mechatronics & Building Science, Kongu Engineering College, Eerode, 7.03.2014
10	Aparna S and Vineetha Basil	Drought Vulnerabilty assessment using meteorological drought indices with the help of GIS of tools- A Case study	Second national conference on emerging trends in computing, June 2013, Government Engineering college, Trichur, Kerala
11	Vargheese K. O. and Ayana V. S.	Stream flow Estimation Using Geographic Information System	Proceedings of Second National Conference on Emerging Trends in Computing,June 2013,Vol 1,pp 229-234
12	Sumam K. S. and Chithra M.	GIS Integrated Hydrologic Modelling in Kurumali River Basin	Proceedings of Second National Conference on Emerging Trends in Computing,June 2013,Vol 1,pp 264-267
13	Sumam K. S. and Ponsy Paul	Coastal Vulnerability Assessment of Thrissur Coast,Kerala	Second National Conference on Emerging Trends in Computing (NCETIC13), 13-15 June
14	Sajikumar N. and Sherjah P.Yusuf Ali	Assessing the Effect of Industrial Effluent on the Chalakkudy River Using GIS Based Modelling	Proceedings of Second National Conference on Emerging Trends in Computing,June 2013,Vol 1,pp 298-303

15	Vargheese K. O. and Ginu S. Malakeel	Application of GIS for the Preparation of Landuse Map to Assess the Natural Groundwater Recharge of Karuvannur Watershed	Proceedings of Second National Conference on Emerging Trends in Computing, June 2013, Vol 1, pp 360-362
16	Susan Mathew, Thulaseedharan	modelling water harvesting system using GIS based hydrologic model SWAT	Second National Conference on Emerging Trends in Computing (NCETIC13), 13-15 June
17	Sajna P , Noushaja P.T	Assessing the effect of industrial effluent on river using SWAT	Second National Conference on Emerging Trends in Computing (NCETIC13), 13-15 June
18	Libin Babu, Thulaseedharan	Determination of ground water level by using Artificial Neural network	Second National Conference on Emerging Trends in Computing (NCETIC13), 13-15 June
19	Vinod P., Lalu M. and Jeenu G	Influence of minerals and chemical admixtures on the packing density of high strength HPC	UKIERI Concrete Congress- Innovations in concrete construction