

PROGRAMME SHEET OF INGWC-2016

Venue: UGC Academic Staff Collage Auditorium, JNT University, Kukatpally, Hyderabad.			
Date	Time	Sessions	
Oct 5, 2016	9:00 a.m.-10.00 a.m.	Registration	
	10:00 a.m. -11:30 a.m.	Inaugural Ceremony	
	11:30 a.m. -12:00 Noon	High Tea	
	12:00 Noon -1:30 p.m.	Plenary Session-I	
	1:30 p.m.- 2:30 p.m.	Lunch	
	Technical Sessions	Hall-I	Hall-II
	2:30 p.m.-3:30 p.m.	TS-I: Ground Water Exploration	TS-IV: Groundwater quality and environment
	3:30 p.m.-3:45 p.m.	Tea Break	
	3:45 p.m.- 5:30 p.m.	Session TS-I continued	Session TS-IV continued
	6:00 p.m.-7:30 p.m.	Cultural Programme	
	7:30 p.m.- 9:00 p.m.	Dinner	
Oct 6, 2016	10:00 a.m.-11:30 a.m.	Plenary Session-II	
	11:30 a.m. -11:45 a.m.	Tea Break	
	11:45 a.m. -1:30 p.m.	TS-II: Groundwater Assessment	TS-V: Groundwater Pollution and Remediation
	1:30 p.m. -2:30 p.m.	Lunch	
	2:30 p.m. -3:30 p.m.	Session TS-II continued	Session TS-V continued
	3:30 p.m. -3:45 p.m.	Tea	
	3:45 p.m. -5:30 p.m.	TS-III: Groundwater Recharge and Augmentation	TS-VI: Groundwater Modeling
	6:00 p.m. -7:00 p.m.	AGGS General Body Meeting	
Oct 7, 2016	10:00 a.m. -11:30 a.m.	Plenary Session-III	
	11:30 a.m. -11:45 a.m.	Tea Break	
	11:45 a.m. -1:30 p.m.	Session TS-III continued	Session TS-VI continued
	1:30 p.m. -2:30 p.m.	Lunch	
	2:30 p.m. -3:30 p.m.	Panel Discussion	
	3:30 p.m. -4:00 p.m.	Light Tea	
	4:00 p.m. -5:00 p.m.	Valedictory Function	

PLENARY SESSION - I

5th Oct., 12:00 Noon to 1:30 p.m.

Chairman: P.R. Reddy

Co-Chairman: Shakeel Ahmed

S. No.	Authors	Abstract Title
1.	D. K. Chadha	Geophysical Mapping of Deep Saline Aquifers in Bikaner-Nagaur Barmer Basin of Western Rajasthan for Carbon Dioxide Sequestration
2.	B. Venkateswara Rao	A Review on Hydrogeological and Geophysical Aspects of Northern Parts of Eastern Ghat Khondalitic Aquifers
3.	P. S. Kulkarni	Hydrogeology of Basaltic Terrain
4.	K. S. Misra	Utilization of Natural Slopes and Channels for Inter Basin Transfer of Water from Surplus to Deficient Marathwada Region

PLENARY SESSION - II

6th Oct., 10:00 a.m. to 11:30 a.m.

Chairman: L. Elango

Co-Chairman: R. Rangarajan

S. No.	Authors	Abstract Title
1.	Tirumalesh Keesari	Application of Isotopes for Water Resources Development and Management
2.	A. Ramanathan, Manoj Kumar, Shailesh Kumar and Rajesh Kumar Das	Co-Occurrence Perspective of Arsenic and Uranium in the Groundwater of Central Gangetic Plain, India (For Invited Talk)
3.	G. Jacks and D. S. Thambi	Hydrochemistry and Turnover of the Kerala Tertiary Aquifers
4.	V. Balaram	Analysis and Monitoring of Inorganic Pollutants in Ground and Surface Waters – Current and Future Trends

PLENARY SESSION - III

7th Oct., 10:00 a.m. to 11:30 a.m.

Chairman: M. Thangarajan

Co-Chairman: K.B.V.N. Phanindra

S. No.	Authors	Abstract Title
1.	Gurudeo Anand Tularam	Groundwater Modeling
2.	T. I. Eldho and Boddula Swathi	Application of Simulation-Optimization Models for Ground-water Management Problems
3.	Mritunjay Kumar Singh	Solute Dispersion in a Semi-infinite Aquifer with Non-point Source Concentration
4.	S. Vasudevan	Electrochemical Processes: An Attractive Alternate for Water Purification

TECHNICAL SESSION - I

Groundwater Exploration

5th Oct., 2016, 2:30 p.m. to 5:30 p.m.

Chairman: G. Sambaiah

Co-Chairman: B. Veeraiah

S. No.	Authors	Abstract Title
Keynote Papers		
TS1-1	S. N. Rai, S. Thiagarajan and Dewashis. Kumar	Groundwater Exploration in Vidarbha and Marathwada Regions, Maharashtra State, India.
TS1-2	V. S. Sarma	Significant Aspects of Electrical Resistivity Imaging (ERI) Technique to Scan Subsurface System
Session Papers		
TS1-3	Ghorbani B.	A View of Outstanding Historical Persian Qanats with an Emphasis on Vazvan Qanat in Isfahan
TS1-4	Suneetha Naidu, M. Laxminarayana, Vinit C. Erram and Gautam Gupta	Assessment of Sea Water Intrusion in Coastal Aquifers of Konkan, Maharashtra by Means of Vertical Electrical Sounding
TS1-5	N. C. Mondal, V. K. Somvashi, S. Chandra and S. Ahmed	Electrical Resistivity Tomography (ERT) for Detection of Palaeochannels in a part of Ganga River Basin, Patna, Bihar
TS1-6	Sunjay and Manas Banerjee	Electroseismic Method for Ground Water Exploration
TS1-7	Dewashish Kumar, S. Thiagarajan, S.N. Rai and Y. Ratna Kumari	Evaluation of Heterogeneous Hard Rock Aquifers from Resistivity Sounding Data: A Case Study from Kalmeshwar Taluka of Nagpur District, India.

S. No.	Authors	Abstract Title
TS1-8	C. P. Priju, J. Vishak, Jiby Francis, S. Nithya and N. B. Narasimha Prasad	Fresh-Saline Water Interface Definition in the Shallow Aquifers of Kerala Coast, India: Application of Geophysical Techniques
TS1-9	Nidhi Jha and D. K. Chadha	Geophysical Survey for Aquifer Configuration and Water Quality for Governance and Management in Parts of the NCR Region
TS1-10	S. Poongothai and K. Ezhisavallabi	Geophysics Analysis using One-Dimensional Resistivity Method for Groundwater Investigations
TS1-11	S. K. Juneja and P. Yadaiah	Ground Water Exploration in Kashmir Valley
TS1-12	S. N. Rai, S. Thiagarajan, M. Sateesh Kumar	Delineation, Development and Management of Groundwater Resources in Hard Rock Terrains
TS1-13	Naziya Jamal and N. P. Singh	Groundwater Investigations using Vertical Electrical Sounding and Very Low Frequency (VLF) Methods in Sangod Block, Kota- Rajasthan
TS1-14	S. Anirudhan and Manju S.	Groundwater Regime in Hard Rock Terrain in Mountainous Topography- Case Study from Vamanapuram River Basin, South Kerala, India

TS1-15	M. A. Malik, Mohd Javed Mohd. Noor and Wasifbaig Mirza	Hydrogeological Studies of Dhamangaon Village Dist. Aurangabad (Maharashtra State)
TS1-16	Pingala Chondekar and Ashok Tejankar	Hydrogeological Studies of the Sandas Village, Kalamnuri Talukas, Hingoli Dist. Maharashtra, India.
TS1-17	Rolland Andrade	Managing Water Scarcity in Semi-Arid India using Integrated Hydrogeological Studies as a Sustainable Solution
TS1-18	Subhash C Singh, K. Paramasivam and P. K. Jain	Manifestation of Resistivity Imaging over Limestone Cavities for Groundwater Resources Appraisal in Bundelkhand Region of Madhya Pradesh, India.
TS1-19	Kanwar P. Singh and A. K. Sinha	Semi-Quantitative Analysis of Apparent Resistivity Data for the Delineation of Fractured Aquifer in Limestone Area of Chhattisgarh State, India.
TS1-20	Dharm Raj Yadav and G. S. Yadav	Some Studies on Groundwater Resource Assessment through Geophysical Approach
TS1-21	Sangita. P. Bhattacharjee, K. R. Sooryanarayana and K. M. Viswanath	Understanding the Aquifer through Microlevel Hydro Geological Survey- Case Study

S. No.	Authors	Abstract Title
TS1-22	Simon Wetherley and Amit Sood	Using Airborne Electromagnetic Data to Map Ground Water Resources
TS1-23	Subash Chandra, Shakeel Ahmed, and Saurabh K. Verm	Aquifer Assessment to Mapping-Criticalities and Specialities
TS1-24	Prakat Modi, Jitesh S. Lalwani, Prashant Istalkar and Phanindra KBVN	Efficacy of Azimuthal Resistivity Sounding in Mapping Sub-Surface Electrical Anisotropy – A Case Study

TECHNICAL SESSION - II
Groundwater Assessment

6th Oct., 2016, 11:45 a.m. to 1:30 p.m. and 2:30 p.m. to 3:30 p.m.

Chairman: A.D. Rao

Co-Chair Person: C. Sarala

S. No.	Authors	Abstract Title
Keynote Papers		
TS2-1	D. C. Singhal	Evaluation of Well Spacing in Fractured Rock Formations of Karnataka
TS2-2	Deepak Kashyap and Ickkshaanshu Sonkar	Planning of Agricultural Groundwater Development for Drought Mitigation
Session Papers		

TS2-3	S. M. Masoom	Aquifer Delineation for Groundwater Management and Sustainability of Drinking Water Resources
TS2-4	R. N. Tiwari and U. K. Mishra	Assessment and Management of Groundwater Resources of Mukundpur Area, Satna District Madhya Pradesh
TS2-5	N. Sridhar and S. Poongothai	Delineation of Groundwater Potential Zones in Lower Ponnaiyar Rural Watershed, Cuddalore District, Tamilnadu, India
TS2-6	P. Venkata Ramireddy, G. V. Padma N. Balayerikala Reddy	Earth Observing System based Hydrogeomorphological Mapping of Kuppam Area, Chittoor District, Andhra Pradesh

S. No.	Authors	Abstract Title
TS2-7	Irshad Kureshi and Ashok Tejankar	Geohydrological Studies and Morphometric Analysis of Micro Watershed of GP-8 Watershed, Daregaon, Taluka Phulambri, Dist. Aurangabad, Maharashtra
TS2-8	Gurav Chandrakant and Md. Babar	GIS based Hydrogeomorphological Analysis of Tiru River Sub-Basin of Lendi River, Maharashtra, India
TS2-9	Ravi Kumar Gumma and P. N. Rao	Ground Water Management in Sub-Urban and Peri-Urban Parts of Greater Hyderabad
TS2-10	Pandith Madhnure Allani Damodar Rao and P. N. Rao	Groundwater Issues and Options for Sustainable Management, Nalgonda District, Telangana State
TS2-11	Md. Babar and Jadhav S.I.	Groundwater Potential Studies of Lower Part of Sindphana River Basin Beed District, Maharashtra, India using Remote Sensing and GIS
TS2-12	P. Pallavi, Srinivasa Reddy Manchala	Integrated Watershed Management by using Remote Sensing and Geographic Information System: A Case Study
TS2-13	B. Anjaiah K. Lohith Kumar and D. Vidyasagarachary	Mapping for Artificial Recharge Sites in Jainoor and Sirpur (U) Mandals of Adilabad District, Telangana State, India. By Electrical Resistivity Method
TS2-14	G. Shailaja, Gautam Gupta, S.T. Padmane, S.N. Patil, M. Laxminarayana and Vinit C. Erram	Morphometric Analysis for Water Resource Management in Semi-Arid Suki River Basin, Deccan Volcanic Province, Maharashtra using Geo-Spatial Tools
TS2-15	Mujawar. K. C., Gajul M. D. and Prabhakar. P.	Morphometric Analysis of Mini Watershed Near Solapur City, Maharashtra, India
TS2-16	N. R. Kachate, S. N. Patil and N. P. Marathe	Morphometric Analysis of North-West Side of Jalgaon District, Maharashtra, India
TS2-17	Abdul Hameed E, Priju C. P., Chinchumol S, Sruthi D Sivan, Jose	Pumping Test Analysis for Two Typical Aquifers of a River Basin in the Midland Region of Northern Kerala

	George, Narasimha Prasad N. B.	
TS2-18	Bhavana Umrikar, Ratnaprabha Jadhav and Shaikh Avej	RS- GIS based Identification of Groundwater Potential Zones in Shirur Taluka, Pune District, Maharashtra, India

S. No.	Authors	Abstract Title
TS2-19	T. Kiran Kumar, C. Pratap and P. Kishore Kumar Reddy	Sustainable Ground Water Resources Management through Subsurface Dykes in Papagni River - A Case Study Kadapa District
TS2-20	Harinath Maragouni, Sudheer Kumar, M., Mondal, N. C., J. Vijaya Kumar and K. Srinivasa Reddy	Urbanization Development in Parts of Hyderabad City, Southern India: A Case Study
TS2-21	Kapawar M. R., Patil Pankaj, Umrikar Bhavana and Sabale P. D	Water Resource Appraisal in Kalas – Gosaviwadi Watersheds from Indapur Tehsil of Pune District, Maharashtra
TS2-22	G. Venu Ratna Kumari, M. V. Raju, Satish Kumar Moparthi and Hepsibah Palivela	Assessment of Ground Water and Surface Water in Andhra Pradesh Core Capital Region, Amaravati by using GIS Applications
TS2-23	Nitu Goswami	The Himalayan Tragedy: Water Everywhere but Still Unavailable for Farming

TECHNICAL SESSION - III
Groundwater Recharge and Augmentation
6th Oct., 2016, 3:45p.m. to 5:30p.m.

Chairman: K. Venugopal

Co-Chairman: S.N. Patil

S. No.	Authors	Abstract title
Keynote Papers		
TS3-1	Ndambuki J. M.	Challenges of Sustainable Exploitation and Management of Groundwater Resources in Arid and Semi-Arid Regions: A Holistic Multi-Objective Approach
TS3-2	S. B. Varade	Groundwater Management Demands Location Specific Plans
TS3-3	Somayaji Sankaran	Restoration of Selected Lakes in NE Musi Basin of Greater Hyderabad
Session Papers		
TS3-4	Y. Siva Prasad and B. Venkateswara Rao	Analysis of Depletion of Groundwater Levels in the Kandivalasa River Sub Basin, Vizianagaram District, A.P.

S. No.	Authors	Abstract title
TS3-5	S. P. Nikam, B. H. Patil and P. P. Patil	Artificial Ground Water Recharge through Surface Drainage Network in A Small Watershed

TS3-6	Dilip Mahale, Gharde K. D., Nandgude, S. N, Gatthani A, Idate S. S. and Palkar S. M.	Assessment and Simulation of Ground Water Recharge in Priyadarshini Watershed of Konkan Region
TS3-7	S. Srikanth, S. Rajashekar and K. Shanker	Constructing Water Banks in Rural Areas
TS3-8	S. Vijayakumar, Manoranjan Kumar, K. V. Rao, C. Sarala, S. S. Naidu, M. Prabhakar and Ch. Srinivasa Rao.	Enhancing the Rainwater Conservation Potential through Creation of Water Harvesting Structures in Farmers Fields
TS3-9	Prasanna S.V.S.N.D.L and Anil Kumar	Estimation of Surface Runoff for Ramagundam Watershed (Telangana State) using Soil Conservation Services Curve Number Method and Geographical Information System
TS3-10	Rina Kumari and Parul Maurya	Geochemical Characterization in Integration with Isotopes to Assess Salinization in Coastal Aquifers of Gujarat, India
TS3-11	S. M. Masoom	Groundwater for Sustaining Life
TS3-12	Anooja Thomas, Vivekanand Singh, Brijesh K Yadav	Groundwater Recharge Estimation using Soil Moisture Flow Modelling of a Cropped (Wheat) Region
TS3-13	Y. Siva Prasad and B. Venkateswara Rao	Groundwater Recharge Studeis in the Kandivalasa River Sub Basin, Vizianagaram District, Andhra Pradesh
TS3-14	S. M. Masoom	Impact of Urbanization on Groundwater Potential

TECHNICAL SESSION - III (Cont.)

Groundwater Recharge and Augmentation

7th Oct., 11:45a.m. to 1:30p.m.

Chairman: M. Anji Reddy

Co-Chairman: Y. Satyaji Rao

S. No.	Abstract title	Authors
TS3-15	J. Siddhardha Kumar, B. J. Madhusudhan, P. N. Rao and A. D. Rao	Influence of Percolation Tank on Ground Water - A Case Study in Tadipatri Shales of YSR Kadapa District, Andhra Pradesh

S. No.	Abstract title	Authors
TS3-16	Sandhya Birla B. R. Chahar Rudolf Liedl, Falk Händel and Prabhas Kumar Yadav	Influence of Recharge Rates on Steady State Plume Lengths
TS3-17	Nandini Thakur, Madhuri Rishi, Diana A. Sharma and Rakhi Singh	Management of Spring Water Resources In Naggar Block of Kullu District, Himachal Pradesh, India: Perspective and Prognosis
TS3-18	C. Gyamfi, J. M. Ndambuki and R. W. Salim	Modelling Groundwater Recharge in a Semi-Arid River Basin: A Retrospective Assessment

TS3-19	Varduhi Margaryan	Problems of Rational use and Protection of Underground Water Resources Management Arid Ararat Region of the Republic of Armenia
TS3-20	S. Rwanga, J. M. Ndambuki and S. S. Rwanga	Recharge Estimation using GIS, RS and Water Balance Model
TS3-21	Brijesh K. Yadav, Saurabh Sharma	Role of Fresh Water Recharge Rates on Saline Water Intrusion in Unconfined Aquife
TS3-22	Ashok Tejankar Rohan K. Pathrikar	Rooftop and Surface Rainwater Harvesting at Deogiri Campus, Aurangabad, Maharashtra – A Case Study
TS3-23	Y. B. Sharma and A. D. Rao	Scientific Protocol for Artificial Recharge of Groundwater
TS3-24	Y. Narsimlubabu T. S. B. Chary and Muralidharan	Selection of Natural Site for Developing Storage Structure for CPWS Scheme to Reningunta and Other Habitations in Chittoor District
TS3-25	Sajeena, S. and Kurien, E. K	Spatial and Temporal Groundwater Level Fluctuation Studies in Kadalundi River Basin, Malppuram, Kerala
TS3-26	Pradeep Bhalage, Piyush Bhalage	SRT as an Effective Tool for Ground Water Recharge: A Case Study
TS3-27	B. Surya Prakasa Rao, N. Srinivas, N, Bhaskara Rao and Ch. Vasudeva rao	Study on Geomorphologic Features of Proposed Link Canals from Krishna to Pennar River Basins -A Case Study
TS3-28	Noureddine Gaaloul	The use of Treated Wastewater (TWW) in Groundwater Recharge Aquifer in Tunisia: Current Status and Future Prospective
TS3_29	Akula Komuraiah, N. Shyam Kumar, B. Durga Prasad, K. shenaker	Village Water Pond – A Boon to Every One

TECHNICAL SESSION - IV
Groundwater Quality and Environment
5th Oct., 2016, 2:30 p.m. to 5:30 p.m.

Chairman: P.N. Rao

Co-Chairman: U.D. Kulkarni

S. No	Authors	Abstract title
Keynote Papers		
TS4-1	R A. Mandour	Components (Major and Minor) in Drinking Purposes Water Resources
TS4-2	Shankar Lal Gargh	Impact of Climate Change on Quality and Resources of Ground Water
TS4-3	Sridhar, S.G.D.	Quality of Groundwater from Kancheepuram, Coimbatore, Chennai, Salem, Namakkal, Karur and Tiruchirappalli
TS4-4	Dibakar Mohanta, P. N. Rao, A. D. Rao, K. Maruthi Prasad, Y. Satya Kumar	Appraisal of Groundwater Quality in Tandur Town, Ranga Reddy District, Telangana
TS4-5	Manivannan V, Vetrimerugan E and Elango L	Assessment of Groundwater Quality for Drinking and Irrigation Purposes in Cauvery Delta Region, Tamil Nadu

TS4-6	Rafat Quamar	Comparative Assessment of Groundwater Quality and Petrographic Study in and Around the Abandoned South Balanda Mine Pit
TS4-7	S. K. Nag	Deciphering Groundwater Quality for Irrigation and Drinking Suitability from Bankura I and II Blocks, Bankura District, West Bengal, India
TS4-8	S. Akila, M. Sharmi, G. K. Dinesh and P. Jothimani	Environmental Chemistry and Ground Water Quality of Dindigal District, Tamilnadu
TS4-9	Sayed-Hassan Tabatabaei, Tayebeh Omidinia and Rasoul Mirabbasi	Evaluation of Wastewater Recharge on Groundwater Quality and Quantity using GMS in Borkhar Aquifer
TS4-10	D. Jayanthi, R. Sivasamy, N. Jagathjothi, A. Valliammai, A. Raviraj and B. J. Pandian	GIS Aided Soil and Water Quality Mapping in Naluvadapathi Village of Nagapattinam District, Tamilnadu
TS4-11	Kapawar M. R., Umrikar Bhavana and Sabale P. D.	Groundwater Quality and its Suitability for Domestic and Agricultural Use: A Study in Kalas Watershed from Indapur Tehsil, Pune District, Maharashtra

S. No	Authors	Abstract title
TS4-12	Gowrisankar. G, and Elango. L	Groundwater Quality and its Suitability for various uses in a Part of Vathalmalai Hill Region, Tamil Nadu, India
TS4-13	H. D. Bhosale and A.S.Yadav	Groundwater Quality Assessment of Kagal Taluka, Kolhapur District, Maharashtra, India
TS4-14	L. P. Chourasia	Hydro Geochemistry of Groundwater in a Part of Alluvial Terrain in Central India
TS4-15	G. Praveen Kumar, R. Pavanaguru, P. N. Rao and A. D. Rao	Hydrochemical Characterization of Groundwater in Hard Rock Terrain in Parts of Nalgonda District, Telangana.
TS4-16	Manoj Kumar, Al. Ramanathan, and Abhijit Mukherjee	Hydrogeochemical Evolution of Groundwater along the Central Gangetic Plain
TS4-17	Dasu Purushotham	Impact of Geochemical Processes on Groundwater Quality in Parts of Nalgonda District, Telangana, India.
TS4-18	Ranu Rani Sethi, Madhumita Das, R. C. Srivastava, P.S. Brahmanad and Miyog Ranjan Patra	Monitoring Surface and Groundwater Quality in Coastal Tract for Optimal Crop Planning
TS4-19	RamamohanaRao, Pand Suneetha, P	Physiochemical Analysis of Water Quality in Khammam District, Telengana State, India
TS4-20	Swarna Chandrika Mohapatra and Durga Shankar Pattanaik	Pre Monsoon Ground Water Quality of Basudevpur and Chandbali Blocks, Bhadrak District, Odisha, India

TS4-21	Suman Agrawal, H. M. Patel, Indra Prakash and Ajay Patel	Spatial Water Quality Analysis of Vadodara District using Geo Informatics Tools
TS4-22	P. Jothimani, V. Ravi, C. Sharmila Rahale and L. Chitra	Water Resources and Groundwater Quality Status of Tanjavur District of Tamil Nadu – An Overview
TS4-23	Jenefer, S. and Sridhar, S.G.D	Hydrogeochemical and Trace Metal Assessment of Groundwater/Drinking Water Quality in Pungar Sub-Basin, Karur District, Tamilnadu
TS4-24	Hepsi Swarupa Rani Guduri and C. Sarala	Assessment of Major Anions in Surface Water Samples of Pragathi Nagar Cheruvu, Ranga Reddy District, Telangana State, India

TECHNICAL SESSION - V

Groundwater Pollution and Remediation

6th Oct., 2016, 11:45 a.m. to 1:30 p.m. and 2:30 p.m. to 3:30 p.m.

Chairman: K. Mukkanti

Co-Chairman: N.C. Ghosh

S. No	Authors	Abstract Title
Keynote Papers		
TS5-1	R .N. Tiwari	Hydrochemical Facies, Quality and Pollution Potential Studies of Groundwater of Satna City, Central India
TS5-2	Kalvakuntla Jeevan Rao	The Impact of Arsenic and Fluoride in Ground Waters on the Environment and the Remedial Measures
Session Papers		
TS5-3	Amartya Kumar Bhattacharya, Ajith Sharma, Kumar Srinivas, Piyush Kumar Singh and D. M. P. Karthik	Analysis and Control of Saline Water Intrusion into Contai, West Bengal, India
TS5-4	Amartya Kumar Bhattacharya, D.M.P. Karthik, Ankur Gautam, Ajit Sharma, Kumar Srinivas, and Piyush Kumar Singh	Arsenic Contamination in the Groundwater of India
TS5-5	Adnaan Khan and Amardip Singh	Assessment of Socio-economic and Health Impact of Groundwater Arsenic: A Case Study of Dumuria Village of Chakdah Block of Nadia District (West Bengal)

TS5-6	M. Sharmi, S. Akila, G. K. Dinesh and P. Jothimani	Environmental Impact of Climate Change on Ground Water Quality of Karur District
TS5-7	Ramesh Janipella	Estimating Groundwater Vulnerability to Pollution using a GIS based DRASTIC Model in Koradi Area, India
TS5-8	A. G. S. Reddy, D. V. Reddy and P. K. Naik	Evaluation of Fluoride Enrichment Processes in Groundwater of Chimakurthy Granitic Pluton Complex, Prakasam Dist, AP, India.
TS5-9	Chandrakant Jangam and Paras Pujari	Extraction and Leaching of Heavy Metals from Coal Fly Ash
TS5-10	U. D. Kulkarni and R. R. Sangpal	Factors affecting Potability of Dam Water at Yashawantsagar Reservoir, Ujjani Dam, District Solapur, Maharashtra

S. No	Authors	Abstract Title
TS5-11	D. B. Malpe and Pandith Madhnure	Fluoride Contamination of Groundwater in Pandharkawada Area of Yavatmal District, Maharashtra its Causes and Remedies
TS5-12	Gunnar Jacks, Mohammad Hossain, ProsunBhattacharya and Ingegerd Rosborg	Inorganic Species in Groundwater of Health Concern
TS5-13	V. Hema Sailaja, P. Suman babu and M. Anji Reddy	Ground Water Quality Evaluation using Statistical and GIS Approach's- A Case Study from Hyderabad City
TS5-14	Amartya Kumar Bhattacharya, Ajit Sharma, Kumar Srinivas and Piyush Kumar Singh	Groundwater Extraction in Coastal Arid Regions – A Design Methodology using Qanats
TS5-15	Suman Agrawal, H. M. Patel, Indra Prakash and Ajay Patel	Groundwater Vulnerability Assessment using Drastic Method for Vadodara District, Gujarat, India.
TS5-16	S. M. Masoom	Health and Quality of Life
TS5-17	Madhuri Ingewar, D. B. Malpe, Deepali Marghade, Rajshree Yenkie and Biswajeet Hazarika	Hydrochemistry of Fluoride Bearing Groundwaters from Ghatanji Area of Yavatmal District, Maharashtra
TS5-18	Jenefer, S. and Sridhar, S.G.D.	Hydrogeochemical and Trace Metal Assessment of Groundwater/Drinking Water Quality in Pungar Sub-basin, Karur District, Tamilnadu.
TS5-19	Y. Siva Prasad and B. Venkateswara Rao	Hydrogeochemical Studies in the Kandivalasa River Sub Basin, Vizianagaram District, Andhra Pradesh.
TS5-20	P. Jothimani, B. J. Pandian and V. Ravi	Identification of Hot Spots for the Fluoride Contamination in the Groundwater of Western Zone of Tamil Nadu

TS5-21	K. K. Deshmukh	Impact of Agricultural Activities on Nitrate Pollution of Groundwater from Sangamner Area, Ahmednagar District, Maharashtra, India.
TS5-22	K. Syamala Devi and A. V. V. S. Swamy	Impact of Municipal Solid Waste (MSW) Dumpsite on Leachate Quality
TS5-23	Adimalla Narsimha, N. Sravanthi, S. Rajitha and V. Sudarshan	Inferring the Hydrogeochemistry of Fluoride Distribution in Chinna Kodur Region, Medak District, Telangana State, India

S. No	Authors	Abstract Title
TS5-24	Rajshree Yenkie, D. B. Malpe, Deepali Marghade, Madhuri Ingewar and Biswajeet Hazarika	Quality Assessment of Groundwater Contamination with Special Emphasis on Fluoride Concentration in Wani Area, Yavatmal District, Maharashtra
TS5-25	Akula Komuraiah, N. Shyam Kumar and B. Durga Prasad	Pollution of Water with Plaster of Paris Composite Laminates
TS5-26	Amartya Kumar Bhattacharya, Ankur Gautam, Piyush Kumar Singh, Kumar Srinivas and Ajit Sharma	Saline Water Intrusion in Coastal Aquifers of Orissa, India
TS5-27	A. M. Sakthivel and S. G. D. Sridhar.	Seawater Intrusion in South Chennai Coastal Aquifer, Tamil Nadu, India
TS5-28	H. J. Wankhede and Avinash B. Gholap	Water Quality Index of Sadatpur Dam for Human Health Safety and Living Organisms.
TS5-29	Nazia Fathima, Uzma Baig, Smita Asthana and D. Sirisha	Removal of Turbidity of Waste Water by Adsorption Technology
TS5-30	John Blick, Shiva Kumar, Shikhar Kumar, and Vinod K. Bharati	Contamination of Potable Water Sources of Lawngtlai Town, Mizoram

TECHNICAL SESSION - VI

Groundwater Modeling

6th Oct., 2016, 3:45p.m. to 5:30p.m.

Chairman: G. Jagmohandas Tegankar

Co-Chairman: A.

S.No	Authors	Abstract title
Keynote Papers		
TS6-1	Naoaki Shibasaki	Necessity of Precise Hydrogeological Modeling for Tackling Contaminated Water Issues at Fukushima Daiichi Nuclear Power Station, Japan
Session Papers		

TS6-2	Amartya Kumar Bhattacharya, Ajit Sharma, Kumar Srinivas, Piyush Kumar Singh	A Detailed Mathematical Analysis of Groundwater Hydraulics in Randomly Heterogeneous Soil
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S.No	Authors	Abstract title
TS6-3	Ritambhara K. Upadhyay	Alarming Rate of Groundwater Depletion in Punjab and Dire Need to Check Overdrafting In the Region
TS6-4	Kenta Miyakawa and Naoaki Shibasaki	Analysis on Land Subsidence Properties by Long-Term Observation Record in Kanazawa Plain, Japan
TS6-5	Mathan M, Abirami P and Krishnaveni M	Application of Groundwater Flow Modelling and Management Using Visual MODFLOW in Cooum Sub-Basin
TS6-6	Tripathi, M., Yadav, P. K., and Chahar B. R.	Characterisation of Hyporheic Zone using VFLUX Model
TS6-7	Vijaykumar P. Parmar, H. M. Patel and M. B. Patel	Contaminant Transport Model of Chromium Contaminant Using GMS 6.0

TECHNICAL SESSION - VI (Cont.)

Groundwater Modeling

7th Oct., 11:45a.m. to 1:30p.m.

Chairman: K. Ramamohan Reddy

Co-Chairman: V.V.S. Gurunatha Rao

S.No	Authors	Abstract title
TS6-8	Amartya Kumar Bhattacharya, Kumar Srinivas, Ajit Sharma, Piyush Kumar Singh	Effect of Submergence in Saline Water on Hydraulic Conductivity of Saturated Sand
TS6-9	S. Prasanna, Sriramoju Srija, Sonai Uday Kiran and K.V. K. Naga Raju	Estimation (Analytical) and Simulation of Flow Over A Spillway – A Case Study
TS6-10	Pankaj Kumar Gupta and Brijesh Kumar Yadav	Fate and Transport of Toluene in subsurface under Two-dimensional Large Scale Laboratory Experiments
TS6-11	Amartya Kumar Bhattacharya, Ajit Sharma, Kumar Srinivas and Piyush Kumar Singh	Fluid Rheological Properties and Flow Characteristics of Saline Water in a Granular Porous Medium
TS6-12	M. U. Kale, S. B. Wadatkar, M. B. Nagdeve and M. M. Deshmukh	Impact of Major Irrigation Project on Ground Water Depth in it's Command

S.No	Authors	Abstract title
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TS6-13	Jaiprakash Bairwa and E. Venkata Rathnam	Modelling of Groundwater Flows in and Around Jaipur City of Rajasthan State, India.
TS6-14	M. Vasudevan, Ram Pal Singh and N. Natarajan	Numerical Experiments on Leachate Transport with Recirculation for Effective Landfill Management
TS6-15	Yuya Aizawa, Naoaki Shibasaki, Yoshihiko Tanifuji, Kenichiro and Abe	Unconfined Groundwater Flow in Granitic Areas in Abukuma Mountains, Northern Japan
TS6-16	M. S. Supe, S. M. Taley and M. U. Kale	Water Security through Optimization of Water Foot Print