

Day 3 (December 13, 2017)				
Time	Shinde Auditorium	Lecture Hall	Training Hall	Conference Room
9:00 am-11:00 am	Technical Session 21	Technical Session 22	Technical Session 23	Technical Session 24
	<b>Theme-8: INNOVATIVE APPROACHES &amp; TECNOLOGIES FOR AUGMENTATION OF GROUNDWATER RESOURCES</b>	<b>Theme-9: ISOTOPIC TECHNIQUES IN GROUNDWATER INVESTIGATION &amp; MANAGEMENT</b>	<b>Theme-5: GROUNDWATER CONTAMINATION AND LOW COST TREATMENT TECHNIQUES</b>	<b>Theme-4: GROUNDWATER MANAGEMENT IN INDO-GANGETIC PLAINS WITH EMPHASIS ON EASTERN INDIA +Theme-7: MODERN TECHNIQUES FOR GW EXPLORATION &amp; ASSESSMENT</b>
	Chair: Mr. Akhil Kumar, JS, MoWR, RD & GR, New Delhi	Chair: Dr. Bhishm Kumar, Roorkee, India	Chair: Prof. Ashok Ghosh, MCS, Patna	Chair: Chairman, CWC
	Co-Chair: Dr. C. Sandhu, HTWD, Dresden	Co-Chair: Prof. Naoaki Shibaski, Japan	Co-Chair: Dr. Dipankar Saha, Member, CGWB	Co-Chair : Prof. Avner Vengosh, USA
	Keynote: Opportunities and challenges for Managed Aquifer Recharge in India - Dr. R. C. Jain, New Delhi, India	Keynote: New Developments in Tritium Measurement - Dr. Bhishm Kumar, Roorkee, India	Keynote: Groundwater-Surface Water Interaction: Current Status and Challenges - Prof. Madan Jha, Kharagpur, West Bengal	Keynote: Ganga Water Information System for India - Mr. Kees Bons, The Netherlands
	Recharge of Ground water by Grey Water Purification with Aerobic Brickbat Grit Sand (ABGS) Purifier system -Parag Ahilaji Sadgir, Priyanand Agale	Isotope and hydrogeochemical study of Patancheru area of Hyderabad, Southern India- AS Roy, K. Tirumalesh, Diksha Pant, U. K. Sinha, Venkata Nagendra Kumar Putta, K.S.S. Sarma	Hydrogeochemical Investigation and Groundwater Quality Assessment of Kashipur Block, Purulia District, West Bengal-Anindita Kundu, S.K.Nag	Water quality assessment of River Beas in mid Himalayan terrain of Himachal Pradesh for its suitability for drinking and irrigation purpose-Rakhi Singh, Madhuri S. Rishi, Neelam Sidhu, Diana A. Sharma, Nandini Thakur
	Quantification of artificial recharge intervention during different stages of urban development- S V Vijayakumar, E. Amminedu; V. Venkateswara Rao	Studies on the identification of palaeochannels in central Ganga plains, Allahabad- inferences from environmental isotopes-Tirumalesh Keesari, U.K. Sinha, Diksha Pant, Hemant Mohokar, Ram Prakash, D. Saha, K.S.S. Sarma	Reuse of Tertiary Treated Waste Water (Dewats) as Supplementary Source & Transforming Intermittent Water Supply in to 24X7 Water Supply by Reduction of Unaccounted For Water (UFW) –A Case Study for BBMP(Bhruhat Bengaluru Mahanagara Palike)-Malla Vijayeta, Sujit Bandekar, Suneetha, Vijay Kumar	Role of subglacial system in controlling the hydro-chemistry of Gangotri glacier system-M. K. Sharma, Renoj J. Thayyen, C. K. Jain, Manohar Arora, Shyamal
	Groundwater Behaviour and Scope of Groundwater Recharge in the District Mahoba, Bundelkhand, Uttar Pradesh, India-Arjun Ram, S.K. Tiwari, H.K. Pandey, Abhishek Kumar Chaurasia, Ravi Shanker Patel	Study of surface water and groundwater interaction using environmental isotopes for recharge management practices-Meenu Sharma	Trace elements in groundwater of health concern-G. Jacks, D. S. C. Thambi	Riverbank filtration water supply during floods in India – from concept to pilot-scale-Cornelius Sandhu, F. Musche, T. Grischek, A. Heisler, P.C. Kimothi, P.S. Patwal, R.P. Kuriyal, M.M. Malasi
	Sedimentological studies of Neogene sediments on Saraswati river basin of West Bengal to appraise the groundwater potentiality in this area-Debaroti Das, Sandhya Bhadury, S.P. Sinharay	Identification of groundwater recharge sources in deep aquifers in Punjab, India using $\delta^2\text{H}$ and $\delta^{18}\text{O}$ -Gopal Krishan, M.S. Rao, Veenakshi Sharma, Ishan Kaushal	Detection of High Level of Arsenic in Groundwater of Assam, India (With reference to Kamrup-Urban) -Keisham Radhapyari, Suparna Datta, Snigdha Dutta, Utpal Gogoi	Elevation Model Approach For Drainage Analysis of River Tons Using GIS-Abhishek Banerjee
	Assessment of groundwater resources and artificial recharge in semi arid region of India-Y.S. Patel	Stable water isotope variation in smaller water resource from headwater catchment in Lesser Himalaya dominated by rain-Soukhin Tarafdar, Sudhir Kumar	Effects of Solid Wastes and Industrial Effluents on Groundwater Quality in Byrnihat Industrial Belt, Meghalaya- Suparna Datta, Biplab Ray, Vengatajalapathi. G, Utpal Gogoi, K. Radhapyari	Flood Routing of Lower Damodar using GIS and HEC-RAS-Ravindra Kumar Singh, Srinivas Pasupuleti; V.V. Govind Kumar

	Managing groundwater: A Case Study from Meghalaya-Mayuri Phukan	Studies on the dating of natural gas in Vindhyan rocks Sagar- Damoh district, South Ganga basin ,Madhya Pradesh- Arun K. Shandilya	Impact assessment of industrialization on local ground water regime in Bhadravathi industrial cluster, Bhadravathi taluk, Shimoga district -Sangita.P Bhattacharjee,Rahul Vashistha, K.R. Sooryanarayana, K.M. Viswanath	Geophysical Studies and Artificial Groundwater Recharge Plan at RGUKT-Nuzvid Campus-Sravani Duvvuri
	Studies on artificial recharge through rainwater harvesting structures-A.Valliammai,M. Angaleeswari and B.J.Pandian	Joint use of ERT, saline tracer and numerical studies in detecting preferential flow and transport paths of fractured granites-Sreeparvaty Vijay, Phanindra KBVN	Phytoremediation Technique For Revival and Rejuvenation of Seasonal into Perennial Water Body – Case Study- N.G.Shrivastava	Geo-Environmental assessment at Bicchari Ashpond Renusagar, District Sonbhadra (U.P.)-H.K.Pandey, S.K.Srivastava
	Vulnerability mapping of saline water intrusion in coastal aquifers of West Bengal, India using flow-net approach-Tapas Acharya	Isotopic characterisation and identification of sources of groundwater of Bazada region in Tapi alluvial basin, District Jalgaon, Maharashtra, India-S.P.Rai, Pant N., Rawat Y. S., Saini R. K., Singh D., Rai D., Kumar S., K. Pratap	Evaluation and assessment of groundwater quality of Lucknow in central Ganga Alluvial Plain, northern India-Nupur Srivastava, Sandeep Singh, A. K. Chowdhary, Munendra Singh	Sustainable Groundwater management in Micro watershed of Koppal district, Karnataka-An Economic analysis-Lokesh, G. B
	Groundwater quality and its hazardous effects on domestic and agricultural use in parts of Konkan coast, Maharashtra-N. Suneetha, G. Gupta	Isotope analysis and groundwater flow modeling for Puri city-P. C. Nayak, S. V. Vijaya Kumar, P. R. Rao and T. Vijay	Evaluation of Hydrogeochemistry and Groundwater Quality in Lalitpur District, Bundelkhand Region, Uttar Pradesh, India-Neeraj Pant, S.P. Rai, Saini R. K., Kumar S, Singh R., K. Pratap, Dubey R.K., Mishra S.	The water footprint of hydraulic fracturing and exploration of unconventional shale gas and tight oil - Avner Vengosh, Andrew Kondash
		Variation of oxygen-18 and deuterium in groundwater from the alluvial basin of Kashmir, western Himalayas - Suhail A Lone, Amrin Lara, Ghulam Jeelani, R D Deshpande	Analysis of ground water quality at Rajendra Nagar landfill site in Patna, Bihar- Roshni Jahan,SK Singh	Groundwater Modelling study for Kashi Vidya Peeth, Varanasi, U.P., India-Padam Jee Omar, Rahul Soni, Nikita Shivhare, P. K. S. Dikshit, S. B. Dwivedi, Shishir Gaur
11:00 am- 11:15 am	<b>Tea</b>			
11:15 am- 1:00 pm	<b>Technical Session 25</b>	<b>Technical Session 26</b>	<b>Technical Session 27</b>	<b>Technical Session 28</b>
	<b>Theme-8: INNOVATIVE APPROACHES &amp; TECNOLOGIES FOR AUGMENTATION OF GROUNDWATER RESOURCES</b>	<b>Theme-3: VISION 2030 - WATER RESOURCES IN ARID &amp; SEMI-ARID REGIONS</b>	<b>Theme-5: GROUNDWATER CONTAMINATION AND LOW COST TREATMENT TECHNIQUES</b>	<b>Theme-2: VISION 2030 – FACING UPTO CLIMATE CHANGE</b>
	Chair : Prof. (retd.) D. C. Singhal, IIT Roorkee	Chair : Mr. Sanjay Kundu, JS (PP), MoWR, RD & GR	Chair : Dr. M. Thangarajan, Hyderabad	Chair : Mr. N.K Mathur, Member, CWC
	Co-Chair : Dr. Ross Morrison, USA	Co-Chair : Prof.K. V. Jayakumar, NIT Warangal	Co-Chair : Mr. G. C. Pati, Member, CGWB	Co-Chair : Prof.(retd.) C. Mayilswami, Tamilnadu
	Keynote: Surface Water and Ground Water Dynamics of an Hard Rock Aquifer - Dr. B Venkteshwar Rao, Hyderabad, India	Keynote: Geostatistical Methods for Groundwater Data Analysis - Dr. Moumtaz Razack, Poitiers, France	Trends of Groundwater Pollution in Asansole Industrial Cluster; West Bengal- Manashi Bhattacharyya, Suparna Datta, A. N. Chowdhury	Keynote: Biogeochemical Implications of Coupled Carbon and Nitrogen Cycling Across Scales - Dr. Dipanker Dwivedi, Berkeley, USA
	Effect of Rainfall on Groundwater Level Fluctuations, Jhariacoalfield, Jharkhand-Prasoon Kumar Singh, Binay Prakash Panigrahy	Sustainable Groundwater Resource Management through MAR Technique under Changing Climate in Drought-Prone Barind Tract, Rural Bangladesh- Chowdhury Sarwar Jahan, ATM Sakiur Rahman, Md.Ferozu Rahaman, Quamrul Hasan Mazumder	Biodegradation study for estimation of biokinetic parameters as input to surface and subsurface pesticide transport models - Omkar Gaonkar, Indumathi M Nambi, G Suresh Kumar	El Niño Southern Oscillation and groundwater: a case study of Venna river basin of central India -Rishma C, Yashwant B. Katpatal
	Assessing the effect of River Bank Filtration on hydrochemistry-R. Jeyakumar, S. Parimala Renganayaki	Evaluation of Groundwater Resources and its Suitability: Implications for Sustainable Agricultural Development in a Semi-Arid Watershed-K. Balasubramani, M. Gomathi, K.Ruthervelmurthy, K.Kumaraswamy	Rigorous assessment of groundwater quality from Udham Singh Nagar District, Uttarakhand, India using AquaChem® software -Ankit Sinha, M. Gopinath, Ravikalyan Bussa, Rose Havilah Pulla	Mapping of Aquifer-Stream Interaction in the Ramganga River Basin for Implementation of Sustainable Environmental Flows Management Plan for Healthy River-Ravindra Kumar
	Artificial Recharge of Groundwater: Social and Ecological Considerations- Yogendra Babu Sharma, Basant Maheshwari	Analysing recent history of drought conditions in Madhya Pradesh using Standardised Precipitation Index (SPI)-Amit Kumar, Manish K. Nema	Site investigation for soil and groundwater contamination at a pesticide manufacturing facility -Omkar Gaonkar, Indumathi M Nambi	Analysis of Seasonal Groundwater Variations and Management in selected Agricultural Farms in North Eastern coastal Tamilnadu- D.Velmurugan,R. Venkataraman

	Mitigation of Ground Water Chromium Contamination by Indian Tree Barks-Alka Tripathi,Supriya Singh, S K Srivastava	Model for Determining Drought-Preparedness of Groundwater System -Ickkshaanshu Sonkar, Deepak Kashyap	Groundwater vulnerability assessment and validation using groundwater quality index in an alluvial aquifer of western gangetic plains, India-Arina Khan, Haris Hasan Khan	Impact of Climate Change on Aquifer Vulnerability to Salt Water Intrusion, A Case Study from Odisha Coast-Chirashree Mohanty, D.P Pati
	Effect of salinity on soil water retention characteristics-Satendra Kumar, K. S. Hari Prasad	Early warning of drought for a meso-scale catchment using GIS - Md. Altafuddin, Kukil Kashyap, Iqbal Sheikh, Mrinmoy Majumder	Assessment of Groundwater Quality for Drinking Purpose in a Watershed of Bundelkhand Region-Meeta Gupta, Jyoti P. Patil, V.C. Goyal	GRECPIMA, a EU funded project on groundwater resilience to climate change and high pressure -Moumtaz Razack,Mohamed Meddi,Bedri Kurtulus,Mathieu le Coz, Cagdas Sagir, Gunseli Erdem,Saidani Bilal,Boufekane Abdelmadjid, Ozgur Avsar
	Impact of land use changes in a micro watershed using Remote Sensing and GIS: A Case Study of IIT Guwahati watershed, Guwahati, Assam-K.Sai Kiran,A.Bhuvanewari Devi, Archana M Nair	Conjunctive Water Use Management: A take on tank irrigation and its performance during 2016 drought-S.Praveen Kumar, A. Gurunathan	Study of Fluoride content in the water of Dharamsala area with future health concerns, Himachal Pradesh, India-Jyoti, Naval kishore, Senthilkumar .G	Determining climate change effects on vegetation in various land covers using NDVI in the Poitou region, France-Cagdas Sagir,Mathieu Le Coz, Bedri Kurtulus, Moumtaz Razack
	Management of Near Surface Sand Dune Aquifers in Coastal Tract in West Bengal-Sunanda Jas,Gupinath Bhandari, S.P.Sinha Ray	Industrialization and groundwater depletion in Rural Karnataka - Musarrat Parween, N. Shantha Mohan	Ground water Impact Assessment Using VLEACH Model-B.K. Purandara, T. Chandra mohan, Mathew K Jose, B. Venkatesh	Groundwater resources evaluation in different ENSO events using MODIS NDVI data in Wainganga basin, central India -Chandan Singh,Yashwant B. Katpatal
	Investigating the origin of naturally occurring high baseline salinity in volcanic groundwater bodies of Porto Santo island (Portugal)- Raghwendra Narayan Shandilya,Condesso de Melo,.M. Teresaa, Baptista Pereira Silva, Joãob,Postma,Diekec	Impact of Climate Change on Groundwater Recharge In A Semi-Arid Catchment In Karnataka India-Venkatesh, B., Vijay Vastrad., Nayak P.C., Thomas, T.	Groundwater As enrichment along different tectono-sedimentary regimes of the upper Brahmaputra River Basin in India-Runti Choudhury,Chandan Mishra	Untangling climate and pumping impacts on groundwater storage change in India-Vimal Mishra,Akarsh Asoka
	Augmentation of Water Resources in Drought Prone Western part of West Bengal- an Watershed Development Approach through Re-excavation of Existing Tanks-S.P.Sinha Ray		Spatial variability of arsenic in groundwater around the fields of gold mining, Lake Victoria basin, Northern Tanzania-Julian Ijumulana,Enrico Lucca,Prosun Bhattacharya, Felix Mtalo	Hydrology of Cold-Arid System Cryosphere- Renoj J. Thayyen
1:00 pm- 2:00 pm	<b>Lunch</b>			
2:00 pm- 3:15 pm	<b>Technical Session 29</b>	<b>Technical Session 30</b>	<b>Technical Session 31</b>	<b>Technical Session 32</b>
	<b>Theme-10: GROUNDWATER ECONOMIC USE, POLICY, REGULATION AND GOVERNANCE</b>	<b>Theme-3: VISION 2030 - WATER RESOURCES IN ARID &amp; SEMI-ARID REGIONS</b>	<b>Theme-5: GROUNDWATER CONTAMINATION AND LOW COST TREATMENT TECHNIQUES</b>	<b>Theme-5: GROUNDWATER CONTAMINATION AND LOW COST TREATMENT TECHNIQUES + Theme-10: GROUNDWATER ECONOMIC USE, POLICY, REGULATION AND GOVERNANCE</b>
	Chair :	Chair :	Chair : Dr. S. N. Rai, Ex-Scientist, NGRI	Chair : Mr. Sushil Gupta, Ex-Chairman, CGWB, Faridabad
	Co-Chair : Dr. S. K. Sharma, Ex-Member, CGWB	Co-Chair : Dr. Moumtaz Razack, France	Co-Chair : Dr. Brijesh Yadav, IIT Roorkee	Co-Chair : Mr. Gopal Chetri, Adviser, NEC
	Keynote: Shri Popatrao Baguji Pawar	Evaluation of two energy balance models for estimating evapotranspiration in the semi-arid region of India- Srinivasa Rao Peddinti, Phanindra KBVN, Suryakant A Sawant	Hydrogeochemistry and evaluation of groundwater quality in Yadadri watershed of Yadadri Bhuvanagiri District, Telangana-Rama Mohan Kurakalva, Pragya Shahdeo	Hydrochemical characteristics and GIS-based assessment of groundwater quality in Doab region of Krishna basin, Karnataka, India-Veena Soraganvi, Anuradha S. Tanksali

		Sustaining Water Supplies in the Drylands through revival of Traditional Water Harvesting Systems-O P Sharma	Evaluation of groundwater quality in Balatira watershed, Atpadi Taluka, Sangli district, Maharashtra-Gajul M.D., Mujawar.K.C, Prabhakar.P	Impact of Waste Water Flow on Ground Water Quality in Parts of Belagavi City-Mohamed Zameerulla, B.K.Purandara,A V Shivapur
	Keynote: Water and Food Security through adoption of Drip Irrigation in well irrigated areas in India - Somnath Jadhav, Jalgaon, India	Drought Analysis by SPI and SPEI index for DK District, Karnataka-Mary Rose, C P Devatha	Groundwater Quality Impacts for Coal Mine Reclamation Using Coal Combustion Residues: Two Full-Scale Field Studies-Tarunjit Singh Butalia,Jason Cheng	Soil and Water Salinization studies in Doniriver Catchment - Vijayamahantesh Vastrad, Ujval Utagi, B.K.Purandara
		The dried River Deltas: Similarity and Causes of drying of Amu Darya in Uzbekistan, Yellow River in China and Murray-Darling in Australia-Sameer Lal, Sanjay kumar pandey	Inorganic species in groundwater of health concern-Gunnar Jacks, Prosun Bhattacharya, Mohammad Hossain, Ingegerd Rosborg	Study of groundwater quality in Bhiwadi region of Rajasthan-Hansa Rajput, Rohit Goyal
		Estimation of Runoff for the watershed using SCS-Curve Number method and GIS-C. H. Radha Srivalli, Manjeet Singh	Mechanism of fluoride mobilization in groundwater of Bansathi, Kanpur Nagar, India-Ashwini Kumar Mohapatra, Aravinth S S. Ekamparam, Soham Adla, Abhas Singh	Groundwater Arsenic Retardation via Water Hyacinth and Subsequent Sustainable Bio-conversion to Organic Fertilizer-Arnab Majumdar,Anil Barla, Munish Kumar Upadhyay, Sudhakar Srivastava, Sutapa Bose
		Keynote: Tushaar Shah, Anand, India	Drought vulnerability assessment – an integrated approach for Bina basin up to Rahatgarh in Bundelkhand region of Central India-T. Thomas, T. R. Nayak, R. K. Jaiswal, R. V. Galkate	Transport behavior of selected engineered nanoparticles through porous media-Dibyanshu ,Trishikhi Raychoudhury
	Effect of changes in the land surface and precipitation on the hydrology of small catchment rivers of southern Western Ghats, India-K. Sreelash, Rajat Kumar Sharma, Gayathri J.A, Vipin T Raj		Assessment of groundwater contamination by pit latrine in the Angaw – Lower Volta River Basin, Ghana using tracer techniques-David Saka, Courage Egbi , Stephen Yevutsey , Gopal Krishan	Groundwater Governance for cities in Maharashtra - Prajakta Baste
	Water Security through Participatory Groundwater Management in Mundra-Mandvi Block, Kutch District - Bhimani S., Jadeja Y, Karthiya, G., Ghosal, P. , Sharma, S., Pathan, A., Jadeja, J, Garva, A, Kasotiya, V., Mekarshi, R		Groundwater arsenic contamination in the upper, middle and lower Ganga plains in India: Safe drinking water option on Quaternary stratigraphy-Babar Ali Shah	An Economic Analysis of Groundwater level in Cuddalore district,Tamil Nadu-R. Sathiya,V. Banumathy
3:30 pm-5:00 pm	<b>VALEDICTORY</b>			
5:00 pm-6:00 pm	<b>High tea</b>			