

8:30 AM	9:45 AM	Conference Check-in			DEC, Hall 2A South
10:00 AM - 11:15 AM		Opening Ceremony and Official Welcome			
11:15 AM - 11:30 AM		Morning Tea Break			
11:30 AM - 12:00 PM		Keynote Speech: Hon Karlene Maywald South Australian Water Ambassador and Conference Co-chair The Australian Water Reform Journey, Key learnings for arid regions and where to from here?			DEC, Hall 2A South
12:00 PM - 12:30 PM		Keynote Speech: Prof. Sharon Megdal Director of the University of Arizona Water Resources Research Center Managed Aquifer Recharge in Semi-Arid Regions			DEC, Hall 2A South
12:30 AM - 2:00 PM		Lunch - Transfer to technical sessions			
2:00 PM - 3:30 PM		Parallel sessions 1			
2:00 PM - 2:15 PM		Keynote: Prof. Graham Fogg			
2:15 PM - 2:30 PM		Groundwater Basin Openness as A Determinant of Sustainability			
2:30 PM - 2:45 PM		Ekkehard Holzbecher, Thomas Berends, Angel Garcia and Ahmed Hadidi			
2:45 PM - 3:00 PM		Janardhana Raju Nandimandalam, Muniratnam P and Krishna Reddy Tv			
3:00 PM - 3:15 PM		Chuck Cullom, Orestes Morfin, and Tami Shor			
3:15 PM - 3:30 PM		Christoph Gerber et al.			
3:30 PM - 3:45 PM		Afternoon Tea Break			
3:45 PM - 5:15 PM		Parallel sessions 2			
3:45 PM - 4:00 PM		Declan Page, J Vanderzalm, D Gonzalez, O Barron and Michael Donn			
4:00 PM - 4:15 PM		Pavitra Kumar et al.			
4:15 PM - 4:30 PM		Jorge Isidoro, Ricardo Martins and João de Lima			
4:30 PM - 4:45 PM		Behailu Berehanu et al.			
4:45 PM - 5:00 PM		Tomy-Minh Truong et al.			
5:00 PM - 5:15 PM		Javed Akhtar, Ahmad Sana and Syed Mohammed Tauseef			
5:30 PM - 8:30 PM		Gala Dinner/ Cultural Event			

Conference Second Day, Thursday, 24.03.2022



9:00 AM - 10:30 AM Parallel sessions 3	Al Maktoum Ballroom I <i>D2-Track 1.1: Water Resources and Hydrological Processes (Rainwater harvesting, Flash Flood Prediction and Management)</i> Chair: Prof. Anvar Kacimov	Al Maktoum Ballroom II <i>D2-Track 1.3: Young Researchers (General Technical Themes)</i> Chair: Dr. Hamidreza Sharifan	Meeting Room 1 <i>D2-Track 2.2: Spatial Technology, GIS, and RS in Water Resources</i> Chair: Mr Steve Morton	Opal Boardroom <i>D2-Track 2.1: Water Quality Management</i> Chair: Prof. Munjed Maraqa
9:00 AM - 9:15 AM	Giorgio Baiamonte, Carmelo Agnese and Vijay P. Singh Multiple Non-Linear Reservoirs to Model Water Balance Components in Sandy Soils	Keynote: Prof. Chong-Yu Xu Evaluation of 1 Hydrological Modeling Under Changing 2 Environmental Conditions	Marion Lux Castro et al. Flood Mapping and Assessment During Typhoon Ulysses (Vamco) in Cagayan, Philippines Using Synthetic Aperture Radar Images	Keynote: Dr. Carl Seubert Water Quality Monitoring from Space: Aquawatch Australia
9:15 AM - 9:30 AM	Eran Halfi, Johnathan B. Laronne, Avshalom Babad and Tom Kaholi Measuring water velocity by LSPiV for accurate determination of water discharge and roughness coefficients in representative ephemeral streams	Mark McDonnell et al. Beach Sands as an Alternative Source of Freshwater Supply – Using Geophysics to Inform Well Design in Coastal Aquifers	Waleed Al-Zubari, Ali Al-Shaabani and Nadir Abdulhameid Upgrading Groundwater Monitoring Network in the Kingdom of Bahrain using Geostatistics and GIS	Klaus Joehnk et al. Moving from Local Monitoring to Regional and Continental Scale Early Warning and Forecasting of Water Quality Risks
9:30 AM - 9:45 AM	Renato Morbidelli, Carla Saltalippi, Jacopo Dari and Alessia Flammini Temporal Aggregation of Rainfall Data and Its Influence on Trend Estimation for Annual Maximum Depths with Duration 24 Hours	Afrah Al-Shukaili, Hilal Al-Mamari and Anvar Kacimov Moisture-Vegetation Relationships of Omani Coastal Dunes; Nabkhas	Kate Williams, Eva R Rodriguez, D Woodrow, M Mattaboni, P Sheridan, D Evans, and Steven Morton Enabling Automatic Ground Water Information Collection and Aggregation through Space and IoT in Australia (SIG Water)	Hany Abd-Elhamid, Martina Zelenáková, Akbar Javadi and Khalid Qahman Assessment and Management of Seawater Intrusion In Gaza Aquifer in Response to Excessive Pumping and Sea Level Rise
9:45 AM - 10:00 AM	João de Lima, S Zehsaz, J Isidoro, Isabel Lima and Ricardo Martins Using Fluorescent and Thermal Tracers to Estimate Overland Flow Velocities	Shoaib Ali, Mohamed Mohamed and Qasim Khan Estimating groundwater drought at spatio-temporal scale improving GRACE resolution based on machine learning approach	Jonathan Jacobi Satellite-based leak detection and cost benefit - Investing in existing water infrastructure	Zipho Samuel, Mike Ojemaye, Anthony Okoh and Omobola Okoh Chelating nitrogenous groups grafted onto zinc oxide nanoparticles for the adsorption of methyl violet in aqueous solution
10:00 AM - 10:15 AM	Gilbert Hinge, Mohamed Mohamed and Mohamed Hamouda On The Use of Satellite Precipitation Products for Flood Application	Anwar Aljuwaissari, Khawla Alshayji and Esra Aleisa Life Cycle Assessment for Seawater Desalination Using Reverse Osmosis in Kuwait	Travis Wiederstein, Vaishali Sharda and Jonathan Aguilar Evaluating spatial and temporal variations in sub-field level crop water demands	Garba Ahmed, Ahmed Muhd Idris and Jibrin Gambo Hydrogeochemistry to Assess the Groundwater Quality Using Multistatistical Methods
10:15 AM - 10:30 AM	Sahar Abidi, N Soud, A Kamel Toubal, M Achite and Lamia Lajili-Ghezal Assessment of Soil Losses and Siltation of Sidi Salem Dam in Medjerda High Valley-Tunisia		Jorge Pena-Arancibia et al. Landsat-based 30 m monthly actual evapotranspiration for Australia: development, implementation in Google Earth Engine and examples	

Morning Tea Break

10:30 AM - 10:45 AM	Al Maktoum Ballroom I <i>D2-Track 1.1: Water Resources and Hydrological Processes (Rainwater harvesting, Flash Flood Prediction and Management)</i> Chair: Prof. Giorgio Baiamonte	Al Maktoum Ballroom II <i>D2-Track 1.3: Young Researchers (General Technical Themes)</i> Chair: Dr. Mohamed Hamouda	Meeting Room 1 <i>D2-Track 2.2: Spatial Technology, GIS, and RS in Water Resources</i> Chair: Prof. Vijay P. Singh	Opal Boardroom <i>D2-Track 2.1: Water Quality Management</i> Chair: Dr. Carl Seubert
10:45 AM - 11:00 AM	Anvar Kacimov, Yuri Obnosov and Jiri Šimůnek Subterranean holes in the arid vadose zone as perturbations of descending pore water fluxes: J. R. Phillip's legacy revisited	Halidu Abu-Bakar, Leon Williams and Stephen Hallett A framework for predicting household water consumption patterns	Keynote: Prof. Rao S Govindaraju Estimation of Measurement Uncertainty Due to Errors in Rainfall and Streamflow Measurements using Random Forest	Hamidreza Sharifan et al. Groundwater Contamination by PFAS Around Airports in The USA: Identification, Source and Commonality
11:00 AM - 11:15 AM	Ghaida Bait Kulaib, Khaula Al-Mamari, Marwa Al-Mahdori and Ahmad Sana Statistical Analysis of Flow for Selected Rivers in Pakistan	Asmaa Al-Mutiri, Esra Aleisa and Mohamed Hamoda Life Cycle Assessment for Tertiary Wastewater Treatment in Kuwait	Sivan Isaacson, Yosef Avrahami, Stanley R. Rotman and Yael Storz-Peretz Mapping and monitoring flash floods spatial distribution and frequencies in arid regions using remote sensing spectral indices	Jasem Alkandari Effect of the Blending of Desalinated Seawater with Groundwater on the Formation of Trihalomethane Species in Drinking Water
11:15 AM - 11:30 AM	Mohammed Abdel-Fattah, Sameh Kantoush, Tetsuya Sumi and Atef Badr Flood Risk Reduction in Arid and Semi Arid Regions: Case Studies from Egypt and Oman	Mark McDonnell et al. Four-Dimensional Electrical Resistivity Imaging in Monitoring Saltwater Intrusion in a Nearshore Aquifer	Qasem Abdelal and Abdalrhman Alayan Wireless Sensor Networks for hydrological monitoring, helpful tools for accurate models	Mohammad Faiz Alam, Karen G. Villhooth and Joel Podgorski Human Arsenic Exposure Risk Via Crop Consumption and Global Trade from Groundwater-Irrigated Areas
11:30 AM - 11:45 AM	Muheeb Awawdeh, Kh Al-Qudah, H Rwasdeh and Monther Jamhawi GIS-based Flood Risk Assessment in Urban Areas: Case study Amman City	Firas Alsilbe, Katalin Bene, Ghada Bilal and Khaled Alghafli Validation of CHIRPS-based satellite rainfall estimates in Damascus basin, Syria	Lala El Hoummaid and Abdelkader Larabi Automatic Extraction of Water Bodies from High-Resolution Remote Sensing Imagery Using Deep Learning and GIS in Dubai	Samia Saad, Akbar Javadi, Raziye Farmani and Mohsen Sherif Optimal Management of Seawater Intrusion Using Infiltration Pond
11:45 AM - 12:00 PM	H El-Maghraby, A Alhumaiddi, M Alnaqbi, M Sherif, F Hassan and Y Greish Development of Chemically-functionalized Galvanized Aluminum Meshes for Efficient Fog Harvesting	Ihsanullah R Khan, Rabee Rustum, Qasim Khan and Mohamed M Mohamed Estimation of flash flood in urban area of Dubai using Hydrologic Modeling System (HEC-HMS)	Marwa Ali, A Badawy, A Elmahdi, Dubravka Bojic and Domitille Vallee Implementing Water Accounting and Water Governance Analysis to Support Water – Energy- Food Nexus in the Mena Region: The Lessons Learned and the Way Forward	Rajasha Alambi, Mansour Ahmed, G Bhadrachari, Ali Al-Naser and Jibu Thomas Brine Management Using Hydrophobic Nanocomposite Membranes
12:00 PM - 12:15 PM	Khalid Almeiri and Rabee Rustum The Effect of Cloud-seeding Operations on Intensity-Duration-Frequency (IDF) curves A Comparative Study on Three Meteorological Stations in Sharjah Emirate, UAE			

Lunch

Poster Session (All themes) - Al Maktoum Ballroom I&II

1:00 PM - 2:00 PM				
2:00 PM - 3:30 PM Parallel sessions 5	Al Maktoum Ballroom I <i>D2-Track 1.1: Water Resources and Hydrological Processes (Rainwater harvesting, Flash Flood Prediction and Management)</i> Chair: Dr. Mohamed Al-Rashed	Al Maktoum Ballroom II <i>D2-Track 1.3: Young Researchers (General Technical Themes)</i> Chair: Prof. Hamed Assaf	Meeting Room 1 <i>D2-Track 2.2: Spatial Technology, GIS, and RS in Water Resources</i> Chair: Prof. Marion Lux Castro	Opal Boardroom <i>D1-Track 2.3: Emerging Water Issues in UAE and KSA</i> Chair: Prof. Mohsen Sherif
2:00 PM - 2:15 PM	Keynote: Dr. John Xiaogang Shi Effects of Hydroclimate Variability on Groundwater Recharge Trends for Arid Regions	Alina Buber, V Shevchenko, A Buber, Y Dobrachev and E Ratkovich Improvement of Rice Agricultural Complexes Water Supply in Conditions of Water Scarcity	Sivan Isaacson et al. Monitoring Flash Floods in Arid Environments Using Bgusat; A Single Band Nano Satellite	Abdulmalek Alsheikh The Role of the Prince Sultan Institute for Environmental, Water and Desert Research in Supporting Water Sustainability in the Kingdom of Saudi Arabia
2:15 PM - 2:30 PM	Rachel Armoza-Zvuloni, Y Shlomi, I Abadi, R Shem-Tov and J Laronne Floodwater harvesting and sediment deposition in reservoirs, a case study from the Arava Valley, Israel	Khalid Elhaj, Salem Issa, Dalal Alshamsi and Biruk Abera Cherkoze Modeling and Prediction of Groundwater Level Fluctuations Using Geoinformatics and Artificial Neural Networks in Al Ain city, UAE	Jibrin Gambo, Ahmad Muhammad Idris, Garba Ahmed and Yusuf Ahmad A Geospatial Statistical Approach for Seasonal Comparisons of Ground Water Quality Using Interpolates Grid-Based Mapping	Abdulaziz Alghamdi The use of natural and synthesized soil amendments to improve soil properties and irrigation water saving
2:30 PM - 2:45 PM	Muhagir Elkamali, Abdelgadir Abuelgasim and Ahmed Sefelnasr Monitoring of Land Surface Subsidence over Agricultural Areas in AL Ain Region UAE	Mutawakil Obeidat, Farah Al-Hantouli and Muheeb Awawdeh Soil Erosion Prioritization of Yarmouk River Basin, Jordan Using Multiple Approaches in a GIS Environment	Marwa Ali, Amgad Elmahdi, Ahmed Tawfik, Omar Ismail and Alaa Albably Using ICT in Agricultural Water Management: IRWI as a Case Study from Egypt	Hany Al-Ansary Desalination: An EU-GCC Partnership for Innovative Solar Thermal Seawater Desalination
2:45 PM - 3:00 PM	O Abudraz, N Alkaabi, H El-Maghraby, M Sherif, F Hassan and Y Greish Nano-architecture of Nanostructured Copper Oxides Decorated with Polyvinyl Alcohol as Efficient Water Harvester	Shahad Al-Yagoubi, A Al-Maktoumi, A Kacimov, S Ismaili and A Al-Mayahi Field Bailout Experiments, HYDRUS-2D and Analytical Modeling for Determination of Hydraulic Parameters of Porous Bed of Ephemeral Stream	Mohsen Alarabawy, Modathir Zaroug and Sowed Wamala Enhanced River Nile River Basin Monitoring For Improved Water Resources Collaborative Management and Development	Hassan Alzahrani Hydrochemistry of groundwater samples from Wadi Fatima, Western Saudi Arabia with special emphasis on silica geothermometry
3:00 PM - 3:15 PM	Magdy Mohssen Flood Forecasting, The New Zealand Experience	Mo'ath Etoom, Ehab Aletoum, Ali Olimat and Taha Masarweh Estimating crop evapotranspiration of dates trees based on SEBAL algorithm using Landsat 8 satellite imagery – A Case Study: Al Zarqa-Jordan	Deepak Tiwari, H. L. Tiwari and V. P. Singh Flash drought assessment for India river Basins	Faisal Alfaisal Model for Optimal Regional Wastewater Systems Planning with Uncertain Wastewater Treatment Capacity
3:15 PM - 3:30 PM	S M Anwar Hossain, Aatur Rahman and Ouarda Taha B. M. J. Trend Analysis in Australian Flood Data: A Case Study for New South Wales Using Latest Information			Mohamed Dawoud, Saleh Al Aswad, H Abdel Rahman and Nahed Al Arabi Sustainable Water Resources Management Under Climate Changes in KSA

Afternoon Tea Break

3:30 PM - 3:45 PM				
3:45 PM - 5:15 PM Parallel sessions 6	Al Maktoum Ballroom I <i>D1-Track 1.2: Advanced technologies in Water Resources Management (Large scale water management, ASR, MAR, Hydroinformatics)</i> Chair: Prof. Waleed Zubari	Al Maktoum Ballroom II <i>D1-Track 2.2: Water Resources Sustainability (SDGs, water-food-energy nexus, social and economic growth and environmental sustainability in arid regions)</i> Chair: Prof. Mohamed Dawoud	Meeting Room 1 <i>D1-Track 1.1: Socio-Economic Water Studies (Governance, pricing, policy and regulation)</i> Chair: Prof. Basant Maheshwari	
3:45 PM - 4:00 PM	Abhishek Goyal, Renato Morbidelli, Alessia Flammini, Corrado Corradini and Rao Govindaraju Uncertainty in estimation of field-scale variability of soil saturated hydraulic conductivity	Eric Vanweydevel What Lessons Can Remote Australia Learn from the Middle East in Terms of Water Management Solutions	Huw Pohlner and Will Fargher WaterGuide: Setting a Path to Improved Water Management and Use Under Scarcity	
4:00 PM - 4:15 PM	Trudy Green et al. WaterTools: A guide to three national level platforms that support the management of Australia's scarce water resources	Bivin Pradeep and Parag Kulkarni Technology Enabled Data Driven Solution for Enhancing Efficiency of Water Use in Buildings	Khaled Alshaibani Investigating Household Consumption Patterns before and During The Covid-19 Pandemic	
4:15 PM - 4:30 PM	Alexander Buber and Mikhail Bolgov Formation of Reservoir Operation Modes in Real Time Based on Long-Term Hydrological Forecast and Multicriteria Optimization Methods, "Lake Baikal - Irkutsk Reservoir" Case Study	Avshalom Babad, Ilan Stavi, Yoav Avni and Noa Aviel-Avni Native plants as indicators of soil quality in deserts: Consequences for dryland agriculture	Angus MacGregor and Glenn Shimmin Valuing Community and First Nations Voices in Restoring the Coorong, South Australia	
4:30 PM - 4:45 PM	Martin Klein, Emad Al-Karablieh and Stephan Theobald Optimization of Transboundary Lake Operation and Conception of a Hydropower Plant at Lake Tiberias	Timothy Munday et al. An Interdisciplinary Approach to Groundwater Resource Assessment for Sustaining Community, Environment & Economic Development in a Remote Arid Region of S. Australia	Soe Htun Aung and Takuya Igawa Economic-Based Operation of Agricultural Water Distribution in Irrigation Districts without Water Marketing Mechanism	
4:45 PM - 5:00 PM	Sebastian Schär et al. Techno-Economic Assessment of Integrated Water Resources Management Infrastructure Projects	Mohamed Ibrahim Kizhisseri and Mohamad Mostafa Mohamed Use of Decision Support System for Optimizing Long Term Water Resources Planning In Terms of Economic and Environmental Outcomes	Michael Kizza, Sowed Wamala and Mudathir Zaroug State of Basin Reporting: A Tool for Cooperative Management of Transboundary Water Resources	
5:00 PM - 5:15 PM	Mariana Damova et al. ISME-HYDRO – an Integrated System for Monitoring of Water Resources for Sustainable Exploitation of Dams and Rivers	Jorge Peña Arancibia et al. Development of a drought management plan in a regulated arid basin in southern Peru	Berhanu Degefa, Elke Neumann and Mohamed Al Muhairi The Role of Hydroponic Technology in Economic Use of Water and Enhancing Productivity of Farms in the UAE	

Concluding Remarks - Awards - Recommendations - Closing Ceremony - Al Maktoum Ballroom I&II

1:00 PM	2:00 PM
Poster Session (All themes) - Al Maktoum Ballroom I&II	Poster Session (All themes) - Al Maktoum Ballroom I&II
Chair: Dr. Mohamed Hamouda	Chair: Dr. Hamidreza Sharifan
Talib Butt, Munjed Maraqa, Omar Alharbi, Cara Beal and Xenia Christodoulou SUDS encapsulates climate change mitigation and climate change adaptation – One stone killing two birds	Ali Al-Maktoumi, Anvar Kacimov and Mustafa El-Rawy Managed Aquifer Recharge as a Reliable and Sustainable Water Supply In Duqm Area, Sultanate of Oman
Nicolae Costin Mociu and Carmen Elena Maftai The Application of Satellite Imagery And GIS Software to the Study of Waterfront Cities' Development	Dinumol Varghese, Ahmed Thafer, Fadi Alnaimat and Bobby Mathew Parametric Study Analysis of A 3-D Printed Solar Reciever in A Multi-Stage Flash Desalination Plant
Tala Maksoud, Qasim Khan and Mohamed M. Mohamed Groundwater Budget Analysis in Abu Dhabi Emirate Using Modflow	Jose Manuel Murillo, Alberto Padilla, Joaquin Delgado and José Manuel Gómez-Fontalva Gómez-Fontalva Recharge to Aquifers Located in Arid Zones Through the Application of the Renata Code. Distribution According to the Watershed and the Groundwater Divides
Qasim Khan and Mohamed M. Mohamed Machine Learning: An interesting tool in studying groundwater	Khaled Alghafli et al. Remote Sensing Applications for Water Managements Under Data Acquisition Challenges in Transboundary Basin, Case Study: Grand Ethiopian Renaissance Dam, Ethiopia
Muhammad Abrar Faiz, Mohsen Sherif and Faisal Baig Exploring the drought propagation from meteorological to hydrological and soil moisture drought using time series analysis	Abdel Azim Ebraheem et al. Mapping Groundwater Potential Zones in UAE Using GIS-Based Hydrogeological Modeling
Khaled Alghafli, Waleed Saeed, Warren Wood, Mohsen Sherif and Xiaogang Shi Coupling Global Land Data Assimilation System (GLDAS) with In Situ Data to Monitor Groundwater Resources at Sabkha Matti, Middle East	Faisal Baig, Mohsen Sherif, Abrar Faiz, Ahmed Sefelnasr, Abdel Azim Ebraheem and Khaled Alghafli Evaluation of a Conceptual Rainfall-runoff Model Using Generalized Likelihood Uncertainty Estimation Approach
Assaad Kassem, Joanna Doummar and Jason Gurdak Sensitivity of an Integrated Groundwater Flow Model to Model Parameters - Application to Vulnerability Assessment of Karst Aquifers	Swathi Mohandas Surekha et al. Management of Seawater Intrusion in Coastal Aquifers: Past And Future Challenges
Mohamed Elhag, Jaka Budiman, Jarbou Bahrawi, Asep Hidayatulloh and Mansour Almazroui Volumetric Quantification of Flash Flood Using Microwave Data on a Watershed Scale in Arid Environments, Saudi Arabia	Khouldia Nafia and Mohamed El Ghachi Low flow in the Oued el Abid basin (Morocco): better understand it to better manage it (Oum Errbia Basin - Morocco)
Aysar Al-Shamaa and Khalid Al-Marsumi Flood Water Harvesting in A Flood Prone Area Using Remote Sensing And GIS – Case Study	Michele Ferri et al. Exploring the Potential of Innovative Methods for Integrated Water and Flood Risk Management in the Oriental Alpes River District: The Aqua3s Approach
Nadia Lahlou and Mohamed El Ghachi The impact of flash floods on the extreme functioning of undeveloped basins: case of the Srou catchment (Février 2010 flood) (Oum Er-Rbia Basin, Morocco)	Dia El Din El Qousy Lessons to learn from the Australian Water Resources Management Case Study: The Murry Darling Basin and Some Arab Countries
Mishal Alsehli Thermal storage system as an alternative to the brine heater in a desalination plant: An experimental study	C. Dionisio Pérez-Blanco and Francesco Sapino Price Discrimination in Water Banks to Enhance The Effectiveness and Efficiency of Agricultural Water Buyback
Juliet Nakasagga, Maha Abdelraheem Ismail and Sowed Wamala Knowledge Products for the Nile Basin Initiative	Pankaj Kumar Is participatory approach including all relevant stakeholders necessary to make IWRM more effective for water resource management especially in data scarce regions? A Case Study of the Philippines
Zahra Noorisameleh, William A Gough and M. Monirul Qader Mirza Spatial variability of summer droughts and heatwaves in southern Canadian	Sangamesh Angadi, Sultan Begna, Paramveer Singh and Jagdeep Singh Multiple Approaches to Sustain Ogallala Aquifer in The Southern High Plains of USA
Omer Ekmekcioglu and Mehmet Ozger Advanced Soft Computing Applications for Hydraulic Efficiency Assessment of Storm Water Drain Inlets	Monirul Mirza, William Gough and Zahra Noorisameleh Characteristics and Frequency Distribution Of 24-Hour Extreme Precipitation in The Canadian Prairies
Eyyup Ensar Basakin and Mehmet Ozger Missing Data Imputation for Solar Radiation by Deep Neural Network	Arjun Suresh and Tanu Jindal IWAT1.0 - Web Portal for Optimization Of Irrigation Water Requirement For Selected Indian Crops In Different Agro-Climatic Zones Through Modelling of Lysimetric and Weather Station Data
Shubham Tiwari Factors Influencing the Site Selection Criteria for Efficient Aquifer Storage and Recovery (Asr) System in Saline Regions	