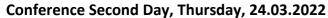
International Conference on Water Resources Management and Sustainability: Solutions for Arid Regions

March 22-24, 2022 | Dubai, UAE Tuesday, 22.03.2022 **Autralian Pavilion Autralian Pavilion** Moderator: Prof. Ahmed El Shafie Moderator: Mr. Steve Morton WORKSHOP 1: Mr Will Fargher 10:00 AM 11:30 AM The future of water policy and regulation in arid regions WORKSHOP 2: Ms Sarah Ransom Harnessing community knowledge for effective water 11:45 AM 1:15 PM outcomes under conditions of scarcity WORKSHOP 5: Dr. Abdelazom Ebraheem **WORKSHOP 3: Ms Trudy Green Evidence based decision-making for water security Applications of GIS and Remote Sensing in Water** 2:00 PM 3:30 PM planning in arid environments Resources **WORKSHOP 4: Mr Steve Morton** WORKSHOP 6: Dr. Pavitra Kumar Utilising satellite-based technologies to manage future **Applications of Artificial Intelligence and Machine** 3:45 PM 5:15 PM **Learning in Water Resources** water challenges **Welcome Reception Australian Pavilion** 8:00 PM 6:00 PM

Conference First Day, Wednesday, 23.03.2022



8:30 AM 9:45 AM	Conference Check-in	DEC, Hall	2A South			
D:00 AM - 11:15 AM	Opening Ceremony and Official Welcome					
1:15 AM 11:30 AM	Morning Tea Break					
1:30 AM 12:00 PM	Keynote Speech: Hon Karlene Maywald DEC, Hall 2A South South Australian Water Ambassador and Conference Co-chair					
2:00 PM 12:30 PM	Keynote Speech: Prof. Sharon Megdal DEC, Hall 2A South Director of the University of Arizona Water Resources Research Center					
2:30 AM 2:00 PM	Lunch - Transfer to technical sessions					
2:00 PM - 3:30 PM Parallel sessions 1	Al Maktoum Ballroom I Chair: Prof. Ekkehard Holzbecher Keynote: Prof. Graham Fogg	Al Maktoum Ballroom II Chair: Prof. Vijay Singh Keynote: Mr. Will Fargher	Meeting Room 1 Chair: Prof. Manoj Shukla Keynote: Prof. Basant Maheshwari	Opal Boardroom Chair: Prof. Lourdes Vega		
	D1-Track 1.2 Advanced technologies in Water Resources Management (Large scale water management, ASR, MAR, Hydroinformatics)	D1-Track 1.3 Climate Change and Water Resources Resilience (Risk management, water conservation, provisioning)	D1-Track 1.1 Socio-Economic Water Studies (Governance, pricing, policy and regulation)	D1-Track 2.1 Non-Conventional Water Resources (desalinator water recycling, water reuse)		
3:30 PM 3:45 PM	Afternoon Tea Break					
3:45 PM - 5:15 PM Parallel sessions 2	Al Maktoum Ballroom I Chair: Prof. J. Raju	Al Maktoum Ballroom II Chair: Prof. Furat Al-Faraj Keynote: Prof. Furat Al-Faraj	Meeting Room 1 Chair: Prof. Minjie Chen Keynote: Prof. Mohamed Dawoud	Opal Boardroom Chair: Prof. Rolando A. Flores Galarza		
	D1-Track 1.2 Advanced technologies in Water Resources Management (Large scale water management, ASR, MAR, Hydroinformatics)	D1-Track 1.3 Climate Change and Water Resources Resilience (Risk management, water conservation, provisioning)	D1-Track 2.2 Water Resources Sustainability (SDGs, water-food- energy nexus, social and economic growth and environmental sustainability in arid regions)	D1-Track 2.1 Non-Conventional Water Resources (desalinato water recycling, water reuse)		
5:30 PM 8:30 PM		Gala Dinner/	Cultural Event			



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9:00 AM - 10:30 AM Parallel sessions 3	Al Maktoum Ballroom I Chair: Prof. Anvar Kacimov	Al Maktoum Ballroom II Chair: Dr. Hamidreza Sharifan Keynote: Prof. Chong-Yu Xu	Meeting Room 1 Chair: Mr Steve Morton	Opal Boardroom Chair: Prof. Munjed Maraqa Keynote: Dr. Carl Seubert
	D2-Track 1.1 Water Resources and Hydrological Processes (Rainwater harvesting, Flash Flood Prediction and Management)	D2-Track 1.3 Young Researchers (General Technical Themes)	D2-Track 2.2 Spatial Technology, GIS, and RS in Water Resources	D2-Track 2.1 Water Quality Management
10:30 AM 10:45 AM		Morning	Tea Break	
10:45 AM - 12:15 PM Parallel sessions 4	Al Maktoum Ballroom I Chair: Prof. Giorgio Baiamonte	Al Maktoum Ballroom II Chair: Dr. Mohamed Hamouda	Meeting Room 1 Chair: Prof. Vijay P. Singh Keynote: Prof. Rao S Govindaraju	Opal Boardroom Chair: Dr. Carl Seubert
	D2-Track 1.1 Water Resources and Hydrological Processes (Rainwater harvesting, Flash Flood Prediction and Management)	D2-Track 1.3 Young Researchers (General Technical Themes)	D2-Track 2.2 Spatial Technology, GIS, and RS in Water Resources	D2-Track 2.1 Water Quality Management
12:15 PM 1:00 PM		Lu	nch	
1:00 PM 2:00 PM		Poster Session (All themes)	- Al Maktoum Ballroom I&II	
	Al Maktoum I Chair: Dr. Mohamed Al-Rashed Keynote: Dr. John Xiaogang Shi	Al Maktoum Ballroom II Chair: Prof. Hamed Assaf	Meeting Room 1 Chair: Prof. Marion Lux Castro	Opal Boardroom Chair: Prof. Mohsen Sherif
2:00 PM - 3:30 PM Parallel sessions 5	Chair: Dr. Mohamed Al-Rashed		-	•
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Parallel sessions 5	Chair: Dr. Mohamed Al-Rashed Keynote: Dr. John Xiaogang Shi D2-Track 1.1 Water Resources and Hydrological Processes (Rainwater harvesting, Flash Flood Prediction and	Chair: Prof. Hamed Assaf D2-Track 1.3 Young Researchers (General Technical Themes)	Chair: Prof. Marion Lux Castro D2-Track 2.2 Spatial Technology, GIS, and RS in Water Resources	Chair: Prof. Mohsen Sherif D1-Track 2.3:
Parallel sessions 5	Chair: Dr. Mohamed Al-Rashed Keynote: Dr. John Xiaogang Shi D2-Track 1.1 Water Resources and Hydrological Processes (Rainwater harvesting, Flash Flood Prediction and Management) Al Maktoum Ballroom I	Chair: Prof. Hamed Assaf D2-Track 1.3 Young Researchers (General Technical Themes) Afternoor Al Maktoum Ballroom II	Chair: Prof. Marion Lux Castro D2-Track 2.2 Spatial Technology, GIS, and RS in Water Resources Tea Break Meeting Room 1	Chair: Prof. Mohsen Sherif D1-Track 2.3: