

# International conference on Water Resources Management and sustainability: Solutions for Arid Regions

March 22-24, 2022 | Dubai, UAE

Tuesday, 22.03.2022

	<p><b>Australian Pavilion</b></p> <p><i>Moderator: Mr. Steve Morton</i></p>	<p><b>Australian Pavilion</b></p> <p><i>Moderator: Prof. Ahmed El Shafie</i></p>
10:00 AM - 11:30 AM	<p><b><u>WORKSHOP 1: Mr Will Fargher</u></b> The future of water policy and regulation in arid regions</p>	
11:45 AM - 1:15 PM	<p><b><u>WORKSHOP 2: Ms Sarah Ransom</u></b> Harnessing community knowledge for effective water outcomes under conditions of scarcity</p>	
2:00 PM - 3:30 PM	<p><b><u>WORKSHOP 3: Ms Trudy Green</u></b> Evidence based decision-making for water security planning in arid environments</p>	<p><b><u>WORKSHOP 5: Dr. Abdel Azim Ebraheem</u></b> Applications of GIS and Remote Sensing in Water Resources</p>
3:45 PM - 5:15 PM	<p><b><u>WORKSHOP 4: Mr Steve Morton</u></b> Utilising satellite-based technologies to manage future water challenges</p>	<p><b><u>WORKSHOP 6: Dr. Pavitra Kumar</u></b> Applications of Artificial Intelligence and Machine Learning in Water Resources</p>
6:00 PM - 8:00 PM	<p><b>Welcome Reception</b></p>	<p><b>Australian Pavilion</b></p>

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: <b>Hon Karlene Maywald</b> South Australian Water Ambassador and Conference Co-chair				DEC, Hall 2A South			
12:00 PM - 12:30 PM		Keynote Speech: <b>Prof. Sharon Megdal</b> Director of the University of Arizona Water Resources Research Center				DEC, Hall 2A South			
12:30 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 (desalination, 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 (desalination, water recycling, water reuse)	
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>Chair: Prof. Anvar Kacimov</i>	Al Maktoum Ballroom II <i>Chair: Dr. Hamidreza Sharifan</i> <i>Keynote: Prof. Chong-Yu Xu</i>	Meeting Room 1 <i>Chair: Mr Steve Morton</i>	Opal Boardroom <i>Chair: Prof. Munjed Maraqa</i> <i>Keynote: Dr. Carl Seubert</i>
	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 <i>Chair: Prof. Giorgio Baiamonte</i>	Al Maktoum Ballroom II <i>Chair: Dr. Mohamed Hamouda</i>	Meeting Room 1 <i>Chair: Prof. Vijay P. Singh</i> <i>Keynote: Prof. Rao S Govindaraju</i>	Opal Boardroom <i>Chair: Dr. Carl Seubert</i>
	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 Lunch				
1:00 PM - 2:00 PM Poster Session (All themes) - Al Maktoum Ballroom I&II				
2:00 PM - 3:30 PM Parallel sessions 5	Al Maktoum I <i>Chair: Dr. Mohamed Al-Rashed</i> <i>Keynote: Dr. John Xiaogang Shi</i>	Al Maktoum Ballroom II <i>Chair: Prof. Hamed Assaf</i>	Meeting Room 1 <i>Chair: Prof. Marion Lux Castro</i>	Opal Boardroom <i>Chair: Prof. Mohsen Sherif</i>
	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	D1-Track 2.3: Emerging Water Issues in UAE and KSA
3:30 PM - 3:45 PM Afternoon Tea Break				
3:45 PM - 5:15 PM Parallel sessions 6	Al Maktoum Ballroom I <i>Chair: Prof. Waleed Zubari</i>	Al Maktoum Ballroom II <i>Chair: Prof. Mohamed Dawoud</i>	Meeting Room 1 <i>Chair: Prof. Basant Maheshwari</i>	
	D1-Track 1.2 Advanced technologies in Water Resources Management (Large scale water management, ASR, MAR, Hydroinformatics)	D1-Track 2.2 Water Resources Sustainability (SDGs, water-food-energy nexus, social and economic growth and environmental sustainability in arid regions)	D1-Track 1.1 Socio-Economic Water Studies (Governance, pricing, policy and regulation)	
5:30 PM - 6:30 PM Concluding Remarks - Awards - Recommendations - Closing Ceremony				