

				AWRA 2021 VIRTUAL ANNUAL WATER RESOURCES CONFERENCE		
				PROGRAM AT-A-GLANCE NOVEMBER 8-10, 2021 #AWRA2021		
TIME				MONDAY	TUESDAY	WEDNESDAY
PACIFIC	MOUNTAIN	CENTRAL	EASTERN			
7:00 AM	8:00 AM	9:00 AM	10:00 AM	COFFEE SOCIAL	COFFEE SOCIAL	COFFEE SOCIAL
7:30 AM	8:30 AM	9:30 AM	10:30 AM	WELCOME & OPENING KEYNOTE 10:30 AM -12:00 PM ET David Waggonner, FAIA, Founding Principal Waggonner & Ball Andy Sternad, AIA, Architect & Urban Designer, LEED AP BD+C	SESSION 8 10:30 AM-12:00 PM ET	SESSION 7 10:30 AM -12:00 PM ET
					Decision Support Tools for Sustainable Water Supply and Demand Management at Tampa Bay Water (Wang, H), (Gold), (Gorelick), (Erkyihun) MODERATOR: Hui Wang	Supply Source and Natural System Sustainability Assessment and Climate Change Adaptation for Water Supply Utilities (Geurink), (Mok), (Hogg), (Graham) MODERATOR: Jeffrey Geurink
					An Urban Flooding Open Knowledge Network Part I: Delivering Flood Information to Anyone, Anytime, Anywhere (Shiqi), (Yeghiazarian), (Johnson), (Saksena) MODERATOR: Siddharth Saksena	Urban Flooding Open Knowledge Network Part II: Delivering Flood Information to Anyone, Anytime, Anywhere (McWillie), (Parisi), (Blanchini) MODERATOR: Janet Clements
					Wastewater and Resource Investment (Adedeji), (Bhattarai), (Bhattarai) MODERATOR: Bishav Bhattarai	PANEL: Automated Hydrological Feature Extraction from Digital Terrain Data (Karlin), (Aichele) MODERATOR: Alvan Karlin
					PANEL: Water Wars: What are They Good For? Eastern US Topics MODERATOR: L. Donald Duke	Methods in Reclaimed Water Management (Korich), (Lewis), (Clark) MODERATOR: Shirley Clark
						An Automated Framework for Flood Modeling and Forecasting Using Geospatial Descriptors and the Interconnected Channel and Pond Routing (ICPR) Model (Singhofen), (Dey), (McKinnie), (Saksena) MODERATOR: Siddharth Saksena
9:00 AM-10:00 AM	10:00 AM-11:00 AM	11:00 AM-12:00 PM	12:00 PM-1:00 PM	ENGAGEMENT HOUR 12:00 PM-1:00 PM ET Sponsored by AECOM & Stantec	ENGAGEMENT HOUR 12:00 PM-1:00 PM ET Sponsored by Black & Veatch, Esri & KCI	VIRTUAL FIELD TRIPS 12:00 PM-1:00 PM ET
10:00 AM	11:00 AM	12:00 PM	1:00 PM	SESSION 1 1:00 PM-2:30 PM ET	SESSION 5 1:00 PM-2:30 PM ET	SESSION 3 1:00 PM-2:30 PM ET
				Training the Next Generation of Facilitators – Interactive Seminar (Fowler) MODERATOR: Lara Fowler	PANEL: Water Wars: What are They Good For? Western US Topics MODERATOR: Lisa Beutler	PANEL: Revolution, Not Evolution: How do We Get Lasting Change While Ensuring Productive Agriculture and Good Water Quality? (Fowler) MODERATOR: Lara Fowler
				Applications in Environmental Flow Management (Balay), (Zhang, Z.), (Sun), (Zhu) MODERATOR: Ge Sun & John Balay	Best Management Practices, Conservation, Economics, and Concerns in Agriculture (Dourte), (Ryan) MODERATOR: Swamy Pati	Utilizing and Developing Open-access Water Data Tools and Resources (Abdallah), (Onda), (Anderson) MODERATOR: Lilli Watson
				Impacts of Human Behavior and Education on Utilization of Water Resources (Shrier), (Saunders), (Weiss, J.), (Megdal) MODERATOR: Cat Shrier	Modeling for Management, Regulation, Water Quality, and Water Supply (Craig), (Fox), (Razzaghi) MODERATOR: Roger Copp	Monitoring and Evaluating Hydrologic Changes in Coastal Estuaries (Kramer), (Colarusso), (Morton) MODERATOR: Rajendra Khanal
				Coastal Considerations of Climate Change - (Hiscock), (Seidel), (Frick, M.), (Seidel) MODERATOR: Xixi Wang	Measuring, Monitoring, and Managing Drought (Guthrie) MODERATOR: Greg Guthrie	Explorations in Multi-faceted Aspects of Groundwater (O'Reilly), (Fox), (Mok), (Li) MODERATOR: Chin Man Mok
				Identifying and Tracking Water Quality Pollutants - (Karimi), (Kratz), (Dino), (McNair) MODERATOR: Bangshual Han	PANEL: Innovative Water Resource Projects Through Alternative Delivery Methods MODERATOR: Ernie Cox	Investigations into Harmful Algal Blooms in Florida (Zhang, Q.), (Hua), (Mahmoodian) MODERATOR: Qiong Zhang
11:30 AM	12:30 PM	1:30 PM	2:30 PM	BREAK (30 min) Cutest Pet Contest Wins the Work-From-Home Employee of the Year Prize	BREAK (30 min) Virtual Background Photo Contest	BREAK (30 min)
12:00 PM	1:00 PM	2:00 PM	3:00 PM	SESSION 2 3:00 PM-4:30 PM ET	SESSION 6 3:00 PM-4:30 PM ET	SESSION 4 3:00 PM-4:30 PM ET
				PANEL: One Water - Putting Theory into Practice (Dinges) Jon Dinges MODERATOR:	Phosphorus Recovery from Wastewater Treatment: Current State of the Practice (Marzolf), (Dobberfuhl), (Botero) MODERATOR: Erich Marzolf	PANEL: Water for Agriculture: The Results of Locally Driven Solutions (Fowler) MODERATOR: Lara Fowler
				Agricultural Nutrient Loading: Studies of Tracking and Management (Hartzler), (Javaruski), (Ruppert) MODERATOR: Hannah Hartzler	Streamflow and Stream Restoration (Dimova), (Koehler), (Koehler), (Kristanovich) MODERATOR: Felix Kristanovich	Modeling and Management of Stormwater (Clark), (McManus), (Nzewi), (Thomasson) MODERATOR: Emmanuel Nzewi
				Diversity, Equality, and Inclusion & Water Resources (Restrepo-Osorio), (Williams), (Seidel) MODERATOR: Valerie Seidel	Novel Techniques in Water Resources Modeling (Sheer), (Khanal) MODERATOR: A. Michael Sheer	Modeling Human Impacts and Solutions on Water Resources (Craig), (Fullerton), (Seck), (Martin) MODERATOR: Richard Koehler
				Implementing Adaptation and Resiliency Through Impacts of Climate Change (Beller-Simms), (Kyzar), (Fitzgibbons), (Schneider) MODERATOR: John Rehring	Flood Risk, Management, and Model Development (Szafranski), (Sanderson), (Zomorodi) MODERATOR: Rachelle Sanderson	Impacts to and Functions of Wetland Systems (Cameron), (Copp), (Miller), (Ouyang) MODERATOR: Roger Copp
				Prediction, Planning, and Management of Water Resources (Rivera), (Wang, X), (Weiss, T.) MODERATOR: Megan Rivera	An Economic Approach to Water Resources (Clements), (Van Abs), (Hersh), (Jokerst) MODERATOR: Eric Hersh	Planning and Management of Local Water Resources (Rehring), (Pati), (Saunders) MODERATOR: Daniel Van Abs
					SPECIAL PANEL: Is Rapid Growth Compatible with Resilience in Southwest Florida? MODERATOR: Jen Jones	
1:30 PM	2:30 PM	3:30 PM	4:30 PM	ENGAGEMENT HOUR 4:30 PM-5:30 PM ET	SOCIAL NETWORKING & KAHOOT! TRIVIA EVENT 4:30 PM-6:00 PM ET Sponsored by The Balmoral Group	AWRA Annual Awards Ceremony & Closing Keynote 4:30 PM-6:00 PM PM ET Jay Famiglietti, Water Crisis Specialist & Executive Director of the Global Institute for Water Security
2:00 PM	3:00 PM	4:00 PM	5:00 PM			
2:30 PM	3:30 PM	4:30 PM	5:30 PM	POSTER TECHNICAL SESSION & STUDENT COMPETITION 5:30 PM-7:30 PM ET		
3:00 PM	4:00 PM	5:00 PM	6:00 PM			
3:30 PM	4:30 PM	5:30 PM	6:30 PM			
4:00 PM	5:00 PM	6:00 PM	7:00 PM			
4:30 PM	5:30 PM	6:30 PM	7:30 PM			