

OU International WaTER Conference  
September 16-17, 2019

Start	End	TUESDAY, SEPTEMBER 17			
7:00 AM	Noon	Registration for Conference			
8:30 AM	9:00 AM	ROOM M "Capacity-Building: HWS in the Africa Context" - MOU signing ceremony / HWS (Sabatini, Hong, Zewge, et al.)			
9:00 AM	9:40 AM	ROOM M KEYNOTE 4: Soroosh Sorooshian: Hydroclimate modeling and the role of new observation tools and data science in advancing predictability and application in water resources planning			
9:40 AM	10:00 AM	BREAK (20 min)			
			ROOM L	ROOM G/H	ROOM J/K
			Session 13: Gender and Social Equity: Issues and Challenges	Session 14: Hydrology and Water Security under a Changing Climate	Session 15: The WaSH Systems Approach
10:00 AM	10:20 AM		Integrated Approach to Water, Sanitation and Hygiene (WASH) Empowers Rural Women in Bihar, India (Srijana Karki, Regional Director for South Asia - World Neighbors)	The Evolution and Propagation of Flash Drought in the Central United States During 2012 (Jeff Basara, OU)	Follow the Systems Road (Conrad N. Hilton Foundation, Stanford University, IRC-WASH, Millenium Water Alliance)
10:20 AM	10:40 AM		The Water that Sustains Us: Indigenous Resistances to Defend the Environment in Oklahoma (Carrie McLachlin Leslie, OU)	Quantifying Precipitation Efficiency and the Drivers of Excessive Precipitation in Post-Landfall Hurricane Harvey (Noah Brauer, OU)	
10:40 AM	11:00 AM		Addressing gender inequality in WASH: Empowering Women-led Change (Shauna Curry, CAWST)	Regional Characteristics of Flash Droughts Across the United States (Jordan Christian, OU)	
11:00 AM	11:20 AM	BREAK (20 min)			
			ROOM L	ROOM G/H	ROOM J/K
			Session 16: Finding and Treating Water in the Developing World	Session 17: Hydrology and Water Security under a Changing Climate	Session 18: The WaSH Systems Approach
11:20 AM	11:40 AM		The Ethiopian Utility approach Providing safe water with water filters ((Henk Holtslag, SMART Centre Group)	The Contribution of Local and Non-local Land-Atmosphere Feedbacks to Flash Drought Development, Intensification and Propagation, and their Predictive Utility (Ryann Wakefield, OU)	Follow the Systems Road (Conrad N. Hilton Foundation, Stanford University, IRC-WASH, Millenium Water Alliance)
11:40 AM	12:00 PM		Investigation of roughing filter parameters for pretreatment of biosand influent (Alissa Meek, OSU)	Numerical simulation of post-fire debris flow hazards using a triggering-propagation model (Liang Gao, OU)	
12:00 PM	12:20 PM		Resistivity meter in the majority world: Best Practices (Joshua Knight, Global Hope Network International)	Flows of Water, Flows of Capital: An urban political ecology of Jakarta’s water crisis (Emma Colven, OU)	
12:20 PM	1:30 PM	LUNCH (1 hr, 10 min)			

OU International WaTER Conference  
September 16-17, 2019

		TUESDAY, SEPTEMBER 17			
Start	End				
1:30 PM	2:10 PM	ROOM M KEYNOTE 5: John Cherry - "Thoughts on the current state of global groundwater research"			
2:10 PM	2:50 PM	ROOM M KEYNOTE 6: Leila Harris - "The human right to water: Equity, democracy, and non-material dimensions of water insecurity"			
2:50 PM	3:10 PM	Break			
		ROOM I	ROOM L	ROOM G/H	ROOM J/K
		Session 19: Functionality and Monitoring in WASH Systems	Session 20: Assessment of WaSH and Health Interventions	Session 21: Hydrology and Water Security under a Changing Climate	Session 22: Food, Energy and Water Interface in Developing Regions
3:10 PM	3:30 PM	Large Volume Household Water Storage, Rainwater Tanks, and Cisterns: Synthesizing Current Knowledge, Identifying Knowledge Gaps, and Targeting Risk Mitigation (Lee E.V. Gaeddert, CDC)	Advanced Nano-composite based Solar Distillation Unit: A household water purification system for Sustainable Development (Anuradha Awasthi, CSIR-NEERI, India)	Decision-support tools for water use efficiency in rural Sierra Leone (Abubakarr Mansaray, OSU)	Smart Technologies for Improving the Yield of Irrigated Wheat in Iran (Saleh Taghvaeian, OSU)
3:30 PM	3:50 PM	Embracing modern data management (Darrin Barker, CORIX, USA)	Impact of WaSH Project on Water Access, Prevalence of Water-borne diseases, Sanitation and Hygiene Practices of Rural Households: The Case of Ethiopian Kale-Hiwot Church WaSH Project in Gimbichu Woreda, East Shewa Zone of Oromiya Region (Thomas Melesse,Mekasha, Ethiopia)	Dessication of Lake Urmia: A Contemporary Socio-Ecological Disaster (Ali Mirchi, OSU)	Water sources, pit emptying and power relations in Kampala's Sanitation infrastructure (Gloria Nsangi - Makerere University, Uganda)
3:50 PM	4:10 PM	BREAK			
		ROOM I	ROOM L	ROOM G/H	ROOM J/K
		Session 23: Geographic Tools in Support of Water Security	Session 24: Socioeconomic Context: Affordability and Social Equity	Session 25: Hydrology and Water Security under a Changing Climate	Session 26: Peace Corps session
4:10 PM	4:30 PM	Patterns of Private Domestic Well Use in the United States (James Weaver, Weaver Environmental Consulting)	Factors impeding efficient functionality of community operated urban water schemes; The experience of Kisumu, Kenya (Erick Ananga, ECU)	The Challenge of Finding Deep Groundwater in Niger, Africa (David Kreamer, UNLV)	presentations by Peace Corps RPCVs (returned Peace Corps volunteers); followed by panel discussion and Q&A
4:30 PM	4:50 PM	Modeling Soil Moisture Dynamics to Improve Irrigation Management (Mukesh Mehata, OSU)	Groundwater, Water Quality Index, Bangladesh, Drinking water, Irrigation water (Ms. Padma Jayaweera, A Senior Member of Sri Lanka Administrative Service (Retired), A Freelance Researcher)	Risk Perceptions, Management Priorities, and Power Dynamics: Complex Decision-Making and the Long-Term Sustainability of Collaboratively Managed River Basins (Stefania Almazan-Casali, U. of Michigan)	
4:50 PM	5:30 PM	Free time (40 min)			
5:30 PM	5:50 PM	BUSES DEPART FOR MUSEUM OF NATURAL HISTORY   Participants may view Museum prior to the Banquet			
6:30 PM	9:00 PM	BANQUET and PROGRAM - WATER PRIZE PRESENTATION and PANEL DISCUSSION			
9:00 PM		BUSES RETURN GUESTS TO NCED CONFERENCE HOTEL			