

## 2019 WEF Student Design Competitions Schedule

<b>WASTEWATER Design Competition (Room S105a)</b>				
	<i>University Team</i>	<i>Member Association</i>	<i>Title</i>	
<b>Start Time** - Teams should be present at 7:30 AM for Check-In</b>				
	<b>8:00 AM</b>	<b>Opening Welcome</b>		
1	8:05 AM	University of Guelph	WEA of Ontario	Optimization and Resource Recovery at the Chatham Water Pollution Control Plant
2	8:35 AM	George Mason University	Virginia WEA	Evaluation of Solids Handling Upgrade Options at the H.L. Mooney AWRF
3	9:05 AM	University of Idaho	Pacific Northwest CWA	Pullman WRRF Phosphorous Upgrade
4	9:35 AM	Northern Arizona University	Arizona Water	Cave Creek Water Reclamation Plant Rehabilitation - NAU Team
5	10:05 AM	North Carolina State University	NCAWWA-WEA	Smith Creek Resource Recovery Facility Expansion and Upgrade
	<b>10:35 AM</b>	<b>Break (10 minutes)</b>		
6	10:45 AM	Utah State University	WEA of Utah	North Davis Sewer District Nutrient Reduction Analysis
7	11:15 AM	Youngstown State University	Ohio WEA	Outside, Looking In: Determining Toxicity from Tricking Filters
8	11:45 AM	Manhattan College	New York WEA	Evaluation, Design, and Economic Assessment of the BC Water Resource Recovery Facility
	<b>12:15 PM</b>	<b>Brief Lunch Break (30 minutes)</b>		
9	12:45 PM	University of Nevada, Las Vegas	Nevada WEA	Equalization Basin Design and Biosolids Conveying System Upgrade for the City of North Las Vegas Water Reclamation Facility
10	1:15 PM	Milwaukee School of Engineering	Central States WEA	Centralized Water Treatment System for Monteverde, Costa Rica
11	1:45 PM	University of Colorado, Boulder	Rocky Mountain WEA	City of Gunnison Wastewater Treatment Plant Renovations for Future Regulatory Compliance
12	2:15 PM	University of Kansas	Kansas WEA	City of Lawrence Plant Expansion or BNR Upgrade Under an Integrated Planning Framework
13	2:45 PM	Texas Tech University	WEA of Texas	Bohl's Wastewater Treatment Plant Upgrade Design
14	3:15 PM	Iowa State University	Iowa WEA	Ames Water Pollution Control Facility Nutrient Reduction Alternatives
	<b>4:45 PM</b>	<b>Networking Dessert Reception and Team Photos (Room S105a)</b>		
	<b>6:00 PM</b>	<b>WEF Address &amp; Awards Ceremony (Room S105a)</b>		

\*\*Note: This is a live event! Actual presentation times may be adjusted to accommodate teams and judges.

**WATER ENVIRONMENT Design Competition (Room S105bc)***University Team**Member Association**Title***Start Time\*\* - Teams should be present at 7:30 AM for Check-In****8:00 AM Opening Welcome**

1	8:05 AM	San Diego State University	California WEA	Salton Sea Wetlands
2	8:35 AM	University of Notre Dame	Indiana WEA	Feasibility of Wastewater Collection and Treatment for Granger, Indiana
3	9:05 AM	University of Illinois at Urbana-Champaign	Central States WEA	Designing Sustainable Infrastructure for Flood Mitigation in Houston, Texas
4	9:35 AM	Old Dominion University	Virginia WEA	Magnolia Avenue
5	10:05 AM	SUNY College of Environmental Science and Forestry	New York WEA	Reducing Combined Sewer Overflow Through Gray and Green Infrastructure
6	10:35 AM	Georgia Institute of Technology	Georgia AWP	Diversifying the Water Portfolio of Gwinnett County via Direct Potable Reuse

**11:05 AM Break (10 minutes)**

7	11:15 AM	Johns Hopkins University	Chesapeake WEA	Stormwater Management at Fort Meade
8	11:45 AM	University of Central Florida	Florida WEA	The Development of a Sustainable New Method for the Catalytic Removal of Toxic mercury from Flue Emission through Advance Oxidation Treatment
9	12:15 PM	National University of Singapore	WEF-EESS	Two-Stage Bio-retention Treatment for Storm water and Irrigation runoff from Commercial Plant Nurseries

**12:45 PM Brief Lunch Break (30 minutes)**

10	1:15 PM	Northeastern University	New England WEA	Town of Amherst Water Reuse Initiative and Wastewater Treatment Plant Retrofit
11	1:45 PM	University of British Columbia	British Columbia WWA	YVR Airport De-icing Runoff Treatment System
12	2:15 PM	University of South Florida	Florida WEA	Decentralized Wastewater Treatment Plant
13	2:45 PM	University of Nebraska-Lincoln at Omaha	Nebraska WEA	Refugee Boarding School Improvements
14	3:15 PM	North Dakota State University	North Dakota WEA	Fargo Water Reclamation Facility
15	3:45 PM	Louisiana State University	Louisiana WEA	Artificial Tree Pump to Enhance Transpiration of VOCs from Groundwater
16	4:15 PM	University of Tennessee Knoxville	KY-TN WEA	Baker Creek Springhouse Restoration

**4:45 PM Networking Dessert Reception and Team Photos (Room S105a)****6:00 PM WEF Address & Awards Ceremony (Room S105a)****\*\*Note: This is a live event! Actual presentation times may be adjusted to accommodate teams and judges.**