

**IAWEA 2024 Conference - Iowa City**

**Tuesday, June 4, 2024**

Golf Tournament Benefit for Xicotepec Project of Rotary District 6000	Motorcycle Fun Ride Benefit for Xicotepec Project of Rotary District 6000	Pre-Conference Field Trip	CEUs
		Water Quality Tour - Iowa City Wastewater Treatment 4366 Napoleon St SE 12:30 pm Meet at WWTP 12:30 - 3:30 pm Presentation & Tour	0.3
Airport National Golf Course 3001 Wright Brothers Blvd E, Cedar Rapids 10:00 am Registration 10:30 am Shotgun Start	10:00 am - Sign In McGrath Hawkeye Harley Davidson, 120 Westcor Drive, Coralville 11:00 am Ride Start 5:00 pm Ride Complete		
6:00 - 8:00 pm	Welcome Reception - Wilder Bar, The Graduate Hotel		
8:00 - 9:00 pm	YP Social - Wilder Bar/Poindexter - The Graduate Hotel		
<b>Total CEUs</b>			<b>0.30</b>

**Thursday, June 6, 2024**

**IAWEA Board Meeting and Dinner - Lauren O'Neil, IAWEA President,**

3:30 Board Meeting  
4:45 Dinner  
5:30 Adjourn

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Wednesday, June 5, 2024 - Iowa Memorial Union, University of Iowa				
7:15 - 8:30	Registration - Iowa Memorial Union, University of Iowa Lobby; Continental BF - Exhibit Hall			
8:00 - Noon	Joint Opening Session - Presiding Curt Kampman, IAWEA President - IMU International Ballroom, 2nd Floor IMU			CEUs
8:00 - 8:05	Welcome - Honorable Bruce Teague, Mayor, City of Iowa City			
8:05 - 8:35	1 IDNR Update - Lori McDaniel, Adam Schnieders			0.050
8:35 - 9:05	2 IAWEA Government Affairs Briefing - Jon Koch, Eric Evans, Katie Greenstein			0.050
9:05 - 9:45	3 SRF/BIL Funding (IDNR/SRF)			0.067
9:45 - 10:15	Break – Visit the Exhibitors - Exhibit Hall - IMU Main Lounge			
10:15 - 10:55	4 IDNR Design Standards Proposed Revisions - IDNR -Adam Schnieders, Laura Knispel; Consulting - Greg Sindt, Mike Roth; City - Jon Koch and Patrick Brown			0.067
10:55 - 11:50	5 Keynote -The Dependable Plant: Cultivating Reliability Amid Aging Infrastructure, Lauren O'Neil, City of Cedar Rapids WPCF			0.092
Noon - 1:00	Luncheon: Ifetayo Venner, WEF Representative - IMU International Ball Room, 2nd Floor			Total AM CEUs 0.326
1:00 - 1:30	Dessert Break – Visit the Exhibitors - Exhibit Hall - IMU Main Lounge			
1:30 - 4:00	Treatment IMU Big 10 Theater, 3rd Floor Curt Kampman, Moderator	Emerging Issues & Innovation IMU MGC Room, 3rd Floor	Management IMU Divine Nine Room, 3rd Floor	
1:30 - 2:00	6 Troubleshooting Activated Sludge, Grant Hemphill	7 Illuminating Your Disinfection Options, John Gilroy	8 Giving a 2nd Life To Existing WWTP, Juntao Li	0.050
2:00 - 2:30	9 Digester Leaks, Struvite and Rags Oh My!, Elizabeth Charbonnet	10 Screening Sewer Force Mains, Jason Hoffman	11 Odor Control and the 3rd Effluent, Will Martin	0.050
2:30 - 2:45	Break – Visit the Exhibitors - Exhibit Hall - IMU Main Lounge			
2:45 - 3:15	12 10-yr Birthday for Dual-Purpose Filters, Jim Fitzpatrick	13 Anaerobic Codigestion and Algae Production at WRRFs - Audrey Kocher and Zoe Kramin	14 Your SCADA System Might Be Obsolete, Scott Warren	0.050
3:15 - 4:00	15 Startup Challenges in a new AGS Facility, Amit Shrivastava	16 Machine Learning for Anaerobic Codigestion, Craig Just and Hunter Schroer	17 NPDES Permits: A(mmonia) to Z(inc), Katie Greenstein	0.075
4:00 - 5:30	Exhibitor Reception - Exhibit Hall - IMU Main Lounge			Total PM CEUs 0.225
5:30 - 6:30	Social Hour - Wayne ABC - The Graduate Hotel			
6:30 - 8:30	WEF & IAWEA Awards Banquet - WEF Representative, Ifetayo Venner - Wayne ABC -The Graduate Hotel			
8:30 - 9:30	Women in Water Social, The Brix Cheese & Wine Bar - Pre-Register			
				Total Wednesday CEUs 0.551

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**Thursday, June 6, 2024 - The Graduate Hotel**

<b>7:30 - 8:30</b>	<b>Registration - The Graduate Hotel - Lower Lobby</b>						
<b>7:00 - 8:45</b>	<b>IAWEA Committees Breakfast - Wayne ABC</b>						
<b>8:45 - Noon</b>	<b>Operations/Maintenance Wayne D</b>	<b>Emerging Issues/Innovation Benson Room</b>	<b>CEUs</b>		<b>Collection Systems Hoak Room</b>	<b>CEUs</b>	
8:45 - 9:15	<b>18</b> Operations of Anaerobic Pretreatment, Travis Heins	<b>19</b> Planning for PFAS in Biosolids, Eric Redmond, Patrick McNamara	0.050	8:45 - 9:30	<b>20</b> Siphon Leak Prompts Emergency Repair, Weston Engel	0.075	
9:15 - 9:45	<b>21</b> Maximizing O&M Input on Projects, David Quast	<b>22</b> Wastewater Disinfection Including PAA, Laurie Twitchell	0.050				
9:45 - 10:15	<b>24</b> PFAS in Biosolids-Advance Tech and Cost, Anna Munson	<b>25</b> Iowa City WWTF RNG Project, Randy Wirtz	0.050	9:30 - 10:15	<b>23</b> Continuous Chloride Source Monitoring, David Quast	0.075	
<b>10:15 - 10:30</b>	<b>Networking Break</b>						
10:30 - 11:00	<b>Management</b>	<b>27</b> Influence of Treatment Duration on PFAS, Lois Arku	0.050	10:30 - 11:15	<b>28</b> More for Less: Low-Haz Iron Salts, Michael Nelson	0.075	
	<b>26</b> Resilient Master Planning, Eric Redmond						
11:00 - 11:30	<b>29</b> WRF 4973 - Nutrient Optimization, Eric Evans	<b>30</b> Using Microscopes to Aid in Operations, Adib Amini	0.050	11:15 - 12:00	<b>31</b> Minimally Invasive Pipe Rehab Options, Chad Johnson	0.075	
11:30 - 12:00	<b>32</b> Is CMAR Right for You, Patrick Young	<b>33</b> Evaluating How Wastewater Treatment Plant Characteristics Impact Phosphorus Recovery, Jack Euclide	0.050				
<b>Noon - 1:00</b>	<b>Lunch &amp; IAWEA's Business Meeting - Wayne ABC</b>					<b>Total AM CEUs</b>	<b>0.300</b>
<b>1:00 - 4:00</b>	<b>Treatment Wayne D</b>	<b>Management Benson Room</b>		<b>Collection Systems Hoak Room</b>	<b>Applied Wastewater Research - UI Hydraulics Wind Tunnel Annex Craig Just, Moderator</b>		
1:00 - 1:40	<b>34</b> Alternative Lagoon Treatment, Ian Davis	<b>35</b> How Your Utility Got Hacked, Brian Gongol		<b>36</b> Methods to Upgrade Lift Station Capacities, Eric Schallert	<b>43</b> Real-time Sensing and Machine Learning for Process Optimization and Control, Dr. Craig Just, Maclaine Putney	0.067	
1:40 - 2:20	<b>37</b> Bubbles Matter! Aeration Efficiency Design, Isaiah LaRue	<b>38</b> Techniques to Increase YP Involvement, Daria Dilparic		<b>39</b> Unsewered Community Low Pressure Sewer, Eldon Schneider			
<b>2:20 - 2:35</b>	<b>Networking Break</b>						
2:35 - 3:15	<b>40</b> Nutrient Removal Retrofit Case Study, Jerry Phipps	<b>41</b> Pretreatment Programs and Nutrients, Katie Bruegge		<b>42</b> Lift Station Buyer's Guide, Brian Gongol	<b>45</b> Innovations in Revolving Algal Biofilms for WRRFs and Industry, Dr. Craig Just, Maclaine Putney	0.067	
<b>3:15</b>	<b>Conference Adjourns</b>					<b>Total Thursday CEUs</b>	<b>0.501</b>