

# SUPPORT OUR YPS

RBITT 2025

MAY 6 TO 9

<b>7</b> <span>WED</span>	<b>8</b> <span>THU</span>	<b>9</b> <span>FRI</span>
<b>RB SESSION 02</b> Academic Advancements in Digestion and Fugitive Greenhouse Gas Emissions  XUEYAO ZHANG NARASIMMAN LAKSHMINARASIMMAN	<b>RB SESSION 10</b> Innovations in Sludge Management: Enhancing Anaerobic Digestion and Phosphorus Control CAITLYN HARRIS ALEX SEIDEL MADDY FAIRLEY-WAX STEPHANIE COPE YITAO LI	<b>RB SESSION 22</b> Innovations in Waste-to-Value Technologies: Carbon Management and Resource Recovery  DAVID CHAM PEIBO GUO
<b>RB SESSION 06</b> Utility Experience Using Incineration as a Proven Solids Management Technology    PERSEPHONE MA	<b>RB SESSION 13</b> Some Like It Hot - Diving into Incineration, Pyrolysis, and Gasification    KARTHIK MANCHALA	<b>RB SESSION 23</b> Advancements in Thickening Technologies: Operational Optimization and Cost Savings    BRIANNA MILLER
<b>RB SESSION 07</b> Case Studies for Optimizing THP, Dewatering, and Digestion    SEYED MOSTAFA MEHRDAD	<b>RB SESSION 18</b> RBC Young Professional Growth and Development Forum  <div data-bbox="678 1392 971 1476">           ALEX SEIDEL            MADDY FAIRLEY-WAX            MANAV BAID            </div>	<b>RB SESSION 26</b> Advancing Biogas and RNG: Innovations and Regulatory Challenges    SHAYLA ALLEN
	<b>RB SESSION 20</b> Advances in Process Modeling: Aeration, Scaling, and Anaerobic Digestion Dynamics   PEIBO GUO CAITLYN HARRIS ANTONIO MARTINS	

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<b>ITT SESSION 1</b> Young Professional Session  SELA MAKHA YEWEI SUN BRIA JAMISON KINDLE WILLIAMS ANTONIO MARTINS MEGAN WITTMANN 	<b>ITT SESSION 12</b> Control and Emission Considerations with Nitrite Production and Anammox  CHENGPENG LEE YEWEI SUN ZHANGTONG LIAO BRIANNA MILLER MASON MANROSS LEAH PIFER	<b>ITT SESSION 25</b> Management of Carbon to Maximize Phosphorus Removal  KHASHAYAR AGHILINASROLLAHABADI SHAFKAT ISLAM
<b>ITT SESSION 2</b> Nitrogen Removal Dynamics with Stored Carbon  RILEY DOYLE BISHAV BHATTARAI LILIAN MCINTOSH	<b>ITT SESSION 13</b> Are Forever Chemicals Really Forever?  PARNIAN IZADI OMAR MOHAMED	<b>ITT SESSION 26</b> Different Paths to the Same Goal: Intensification of Biological Processes  PRANTA ROY NARASIMMAN LAKSHMINARASIMMAN CHENG YANG
<b>ITT SESSION 3</b> Monitoring and Modeling of N2O  JULIA PORRO	<b>ITT SESSION 14</b> Intensification of Anaerobic Digestion  YITAO LI EMMA GUERTIN	<b>ITT SESSION 27</b> Application of Partial Denitrification in High Strength Wastewater  JOSEPH WOOTEEN ARIANA CORACERO ZHANGTONG LIAO
<b>ITT SESSION 4</b> How DO Setpoints and Control Impacts Performance and Emissions  LEE PINKERTON MEGAN WITTMAN	<b>ITT SESSION 15</b> Balancing Nutrient Removal, Settability, and Emissions  CHINMAY GAIDHANI	
<b>ITT SESSION 5</b> How do we get to know our Flocs and Granules Better? Method Development for DAS Systems  KAYLA BAUHS YEWEI SUN	<b>ITT SESSION 16</b> Mitigation of N2O Part 2: Balancing N2O and Intensification  NARASIMMAN LAKSHMINARASIMMAN SELA MAKHA	
<b>ITT SESSION 7</b> Design and Control of Low Energy Nutrient Removal for Nutrient Performance and Emissions  JACOB HATCHER MARWAN ALSALEH MCKENNA FARMER	<b>ITT SESSION 18</b> Different Approaches to Diverting COD Upstream of Nutrient Removal Facilities  YUANG LI SAKIB AHMAD	
<b>ITT SESSION 8</b> How do you DAS?  PRANTA ROY	<b>ITT SESSION 20</b> Electrified Resource Recovery and PFAS Remediation  YEWEI SUN	
<b>ITT SESSION 9</b> Sidestream Management and Nutrient Recovery  CAROLYN COFFEY KELSEY VOUGHT SHASHWAT DHANUKA		

# RBITT YP SOCIAL

**Come hang out with fellow RBC and ITT  
Students and Young Professionals**

Thursday May 8 | 8:30 PM

BARCOCINA  
1629 Thames Street  
Baltimore, MD