

# IOA Pan American Group Conference

South Point Hotel & Casino | Las Vegas, Nevada

August 20 - 23, 2018

<https://ioa-pag.org/2018-PAG-Conference>



## Monday, August 20

### Workshop: Overview of Ozone and Advanced Oxidation Processes (AOPs)

The International Ozone Association (IOA) will host an ozone process workshop on Monday, August 20, 2018 for participants who are both new and experienced with ozone. In the morning, speakers will focus on review of ozone and advanced oxidation process fundamentals and considerations for safe and successful ozone process operation and maintenance. In the afternoon, speakers will focus on preventive maintenance, utility operation, and bromate control. Utility managers, operators, consulting engineers, manufacturers, regulators, and academics interested in ozone water treatment will find this workshop useful.

<b>8:30 AM</b>	<b>Registration Desk Opens, Continental Breakfast Served</b>
<b>9:00 – 9:30 AM</b>	<b>Current Status of Ozone/AOP Use at Water and Wastewater Treatment Plants in North America</b> ( <i>Craig Thompson, West Yost Associates</i> )
<b>9:30 – 10:45 AM</b>	<b>Ozone Fundamentals: Process Overview, Considerations for Successful Design, Operation, and Control, and Ozone/Oxygen Safety</b> ( <i>Ron Joost, Carollo Engineers, Inc.</i> )
<b>10:45 – 11:00 AM</b>	<b>Break</b>
<b>11:00 – 11:40 AM</b>	<b>Advanced Oxidation Process Fundamentals: Hydroxyl Radical Formation and Contaminant Oxidation</b> ( <i>Erik Rosenfeldt, Hazen and Sawyer</i> )
<b>11:40 – 12:00 PM</b>	<b>Panel Discussion</b>
<b>12:00 – 1:00 PM</b>	<b>Lunch</b>
<b>1:00 - 2:15 PM</b>	<b>Ozone Preventive Maintenance</b> ( <i>John Overby &amp; Mark Fisher, Ozone Water Systems, Inc.; Jim Klein, Chart; France Meder, Teledyne</i> )
<b>2:15 – 2:30 PM</b>	<b>Break</b>
<b>2:30 – 3:00 PM</b>	<b>Role of Ozone in Drinking Water, Wastewater, and Potable Reuse</b> ( <i>Denise Funk, Gwinnett County</i> )
<b>3:00 – 3:30 PM</b>	<b>Bromate Formation and Minimization Strategies</b> ( <i>Eric Wert and Glen de Vera, Southern Nevada Water Authority</i> )
<b>3:30 – 3:45 PM</b>	<b>Book Review: Advanced Oxidation Processes for Water Treatment</b> ( <i>Eric Wert, Southern Nevada Water Authority; Mihaela Stefan, Trojan Technologies</i> )
<b>3:45 – 4:00 PM</b>	<b>Panel Discussion</b>
<b>4:00 PM</b>	<b>Adjourn</b>