

The Operator Training Committee of Ohio, Inc.



A 501(c)(3) non-profit organization

# 56<sup>th</sup> Annual Water Workshop

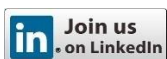
*This valuable continuing education event is  
intended for certified and non-certified personnel*

**Tuesday, March 6, 2018  
&  
Wednesday, March 7, 2018**

**HELD AT:**  
DoubleTree by Hilton  
175 Hutchinson Ave.  
Columbus OH 43235

OPERATOR TRAINING COMMITTEE OF OHIO, INC.  
3972 Indianola Avenue \* Columbus, OH 43214  
(614) 268-6826 \* Fax (614) 268-3244

[www.otco.org](http://www.otco.org)



## WORKSHOP PRESENTATIONS

### Ohio EPA Update

*Disruption of Services, Certification, Compliance & Resiliency, Ebiz.*

### Asset Management Rules

*Definitions, Capacity Assurance, Program Content, Mapping Requirements.*

### Complying with the Latest Updates on Asset Management

*From the Chair of the Ohio Section AWWA Asset Management Committee.*

### Ohio Department of Health Update

*CDC Reports on Legionella & Manganese in Drinking Water*

### Manganese Removal from an Operators Perspective

*Occurrences in Source Water, Sequestering and Removal Techniques.*

### Workforce Pipeline

*Efforts In Apprenticeship And Internships For Water And Wastewater Systems.*

### Globally Harmonized System Labeling of Water Treatment Chemicals

*Labeling compliance including KNO<sub>4</sub>, Fluorides, Phosphoric Acid.*

### Drone Inspections for Asset Management

*Importance Of Using Drone Flights To Capture High Resolution Images And Video For Inspections Of Assets.*

### GAMA/ OTCO GIS Project

*Geospatial Asset Management Academy  
A 501(C)(3) Nonprofit Organization.*

### Flint, Michigan – 4 Years In

*An Update On Management, Infrastructure In Water Quality Issues On One Of The Worst Disasters In The United States Regarding Lead In Drinking Water.*

### Ohio's HAB Program

*2017 Harmful Algal Blooms and expectations for 2018.*

### Unregulated Contaminant Monitoring Rule (UCMR4) - A Utility Perspective

*Delco Water Companies Efforts With UCMR4*

### Optimization – Stories from the Field

*Assessments, Technical Investigations, And Suggested Solutions For A Series Of Troubleshooting And Optimization Exercises To Improve Water Quality.*

### GIS Asset Management

*Selecting The Right Equipment To Map Your Data To Your Needs.*

### Source Water Protection Plan Delineation and Maintaining Updated PPSI Information

*Potential Pollution Source Inventory In Efforts To Protect Your Source Water.*

## WORKSHOP OVERVIEW

This annual drinking water workshop presents the latest updates from Ohio EPA regarding regulations on operations and operator certification. Topics include water quality, maintenance, laboratory, management, and asset management, presented by public and private water supply staff and consultants.

The Water Workshop can be utilized to fulfill the contact hour requirement for the following Ohio EPA Certified Operators:

- **Water: Class A, I, II, III, & IV**
- **Water Distribution Systems: Class I & II**

## HOW TO REGISTER

Mail, fax, or email the completed application by **March 2, 2018** for the registration rate of \$320. A \$25 late fee may apply to registrations received after **March 2, 2018**. Once your application is processed, a confirmation is sent by fax or email.

### REGISTER ON-LINE AT:

<https://www.otco.org/workshops.html>

## PAYMENTS & CANCELLATIONS

OTCO accepts check or credit card as payment for this event. Purchase Order must accompany registrations in order to invoice your company.

Cancellations received in writing 5 days before the event will receive a full refund. Cancellations made five days – 24 hours before the event up to is subject to \$25 per day service charge. Substitutions are permitted; however, **NO REFUND FOR THOSE WHO REGISTER AND FAIL TO ATTEND.**

## ACCOMMODATIONS

DoubleTree by Hilton  
175 Hutchinson Ave.  
Columbus OH 43235  
(614) 885-3334

**Request the "OTCO Water Workshop" for the \$87.00 per night room rate for this event.**  
*Room rates are subject to state and local taxes*

**Room rate expires February 14, 2018**

### CONTACT HOURS

Contact Hours from these training events will be included in the attendee's official transcript page:

<https://www.otco.org/student-transcript.html>

To access this information, have your OTCO Student ID and PIN Number available.

### OHIO EPA EBIZ

Contact hours from this event will be entered into your Ohio EPA Ebiz account.

### CONTACT HOURS FOR EXHIBITS

The following presenters will have tabletop exhibits that you can visit during the workshop. There will be specific times where you can obtain up to 0.75 contact hours by visiting their booth.

*Bennett & Williams Environmental Consultants  
IamGIS Geospatial Asset Management Academy (GAMA)  
Precision Laser and Instrument*

### CONTACT HOURS TO GO!

Attendees who complete both days shall receive one online course for an additional 6.00 contact hours: *Recommended Standards For Water Treatment Facilities OEPA-D419932-OM 6.00 contact hours*

The course can be used by either the attendee or an employee of the same organization.

### 2018 OTCO WORKSHOPS

#### Wastewater Workshop: \$320

Wastewater Contact Hours: 12.00  
April 3 & 4, 2018 – DoubleTree by Hilton

#### Pretreatment & Wastewater Laboratory Workshop: \$170

Wastewater Contact Hours: 6.00  
May 15, 2018 – Holiday Inn Worthington

#### Asset Management Workshop: \$170

Water/Wastewater Contact Hours: 6.00  
May 16, 2018 – Holiday Inn Worthington

#### Water Laboratory Workshop: \$170

Water Contact Hours: 6.00  
May 16, 2018 – Holiday Inn Worthington

#### Class III/IV Workshop: \$320

Water/Wastewater Contact Hours: 12.00  
July 25 & 26, 2018 – Mt. Sterling, Ohio

#### Compliance Workshop: \$320

Water/Wastewater Contact Hours: 12.00  
October 2 & 3, 2018– DoubleTree by Hilton

#### Water Distribution Workshop: \$320

Water Contact Hours: 12.00  
November 13 & 14, 2018 – DoubleTree by Hilton

#### Procrastinator's Workshop: \$320

Water/Wastewater Contact Hours: 12.00  
December 4 & 5, 2018 – DoubleTree by Hilton

### Water Workshop Agenda

Tuesday, March 6, 2018

- 7:30 am Registration/Coffee/ Pastries
- 8:00 am OTCO Update and Welcome  
*Curtis L. Truss Jr., OTCO Executive Director*
- 8:15 am Ohio EPA Update: Disruption of Services, Certification, Compliance & Resiliency, Ebiz  
OTCO-B13033-OM (0.75 hours)  
*Andy Barienbrock, Manager*  
*Ohio EPA, Operations, Resiliency, & Certification*
- 9:00 am Asset Management Rules  
OTCO-D13034-OM (0.75 hours)  
*Emily Pohlmeier, Environmental Specialist*  
*Ohio EPA Division of Drinking and Ground Waters*
- 9:45 am BREAK
- 10:00 am Complying with the Latest Updates on Asset Management  
OTCO- D13035-OM (0.75 hours)  
*Kevin Campanella,, Utility Planning Leader*  
*Burgess & Niple*
- 10:45 am Ohio Department of Health Update  
OTCO-D13036-OM (0.75 hours)  
*Rebecca Fugitt, Assistant Chief,*  
*Bureau of Environmental Health & Radiation Protection*  
*Ohio Department of Health*
- 11:30 am LUNCH (provided)
- 12:30 pm Manganese Removal from an Operators Perspective:  
OTCO- D13037-OM (0.75 hours)  
*Darrel Blanchard, Senior Operations Specialist*  
*Jacobs Engineering/ CH2M*
- 1:15 pm Workforce Pipeline  
OTCO-B13038-X (0.75 hours)  
*Linda O'Connor, Assistant Director*  
*Career Technical Education-Ohio Department of Education*
- 2:00 pm BREAK
- 2:15 pm Globally Harmonized System Labeling of Water Treatment Chemicals  
OTCO-B13039-X (0.75 hours)  
*Jennifer Scott-Wasilk, CHMH, COHC*  
*Environmental Health & Safety Training & Consulting*
- 3:00 pm Drone Inspections for Asset Management  
OTCO-B13040-OM (0.75 hours)  
*Dirk Garriott, Senior Consultant*  
*Licensed FAA Drone Pilot, Certified Operator*  
*IamGIS/GAMA*
- 3:45 pm Adjourn

**TOTAL CONTACT HOURS: 6.00**

### Water Workshop Agenda

Wednesday, March 7, 2018

- 7:30 am Registration/Coffee/ Pastries
- 8:00 am OTCO Update and Welcome  
*Curtis L. Truss Jr., OTCO*
- 8:15 am GAMA/ OTCO GIS Project  
OTCO-B13041-OM (0.75 hours)  
*Tony Shriner, Director*  
*IamGIS/GAMA*
- 9:00 am Flint, Michigan – 4 Years In  
OTCO-D13042-OM (0.75 hours)  
*Nick Pizzi, Owner, Consultant*  
*Aqua Serv*
- 9:45 am BREAK
- 10:00 am Flint, Michigan – 4 Years In (continued)  
OTCO-D13043-OM (0.75 hours)  
*Nick Pizzi, Owner, Consultant*  
*Aqua Serv*
- 10:45 am Ohio's HAB Program  
OTCO-B13044-OM (0.75 hours)  
*Amy Jo Klei, Acting Chief/HAB Section Manager*  
*Ohio EPA*
- 11:30 am LUNCH (provided)
- 12:30 pm Unregulated Contaminant Monitoring Rule (UCMR4) - A Utility Perspective  
OTCO-D13045-OM (0.75 hours)  
*Jeff Kauffman, MSPH, MEM, UMC*  
*Compliance Manager, Delco Water*
- 1:15 pm Optimization – Stories From the Field  
OTCO-D13046-OM (0.75 hours)  
*Marvin Gnagy, Water Process Manager,*  
*Veolia North America M&C*
- 2:00 pm BREAK
- 2:15 pm GIS Asset Management  
OTCO-B13047-OM (0.75 hours)  
*Ben Little, Mapping and GIS Sales and Support*  
*Precision Laser and Instrument*
- 3:00 pm Source Water Protection Plan Delineation and Maintaining Updated PPSI Information  
OTCO-D13048-OM (0.75 hours)  
*Kerry Zwierschke, P.E., PhD,*  
*Environmental Engineer / Project Manager*  
*Bennett & Williams Environmental Consultants*
- 3:45 pm Adjourn

**TOTAL CONTACT HOURS: 6.00**

## OTCO REGISTRATION FORM

### 56<sup>th</sup> Annual Water Workshop

Tuesday, March 6, 2018 & Wednesday, March 7, 2018

Register On-line at:

<https://www.otco.org/workshops.html>

Held At: **DoubleTree by Hilton**

175 Hutchinson Ave \* Col. Ohio 43235

OTCO STUDENT ID #
FIRST NAME
LAST NAME
TITLE
EMPLOYER
ADDRESS (1)
ADDRESS (2)
CITY
STATE ZIP
BUS. TELEPHONE ( ) - EXT
FAX ( ) - (for confirmations)
EMAIL ADDRESS
Please check & initial if information needs to be updated in OTCO Training Tracking System. <input type="checkbox"/>
<b>Please check which day(s) you are registering for below:</b> <input type="checkbox"/> <b>March 6 &amp; 7 (both days): \$320</b> After 3/2/18 <u>\$345</u> <input type="checkbox"/> <b>March 6th Only: \$170</b> After 3/2/18 <u>\$185</u> <input type="checkbox"/> <b>March 7th Only: \$170</b> After 3/2/18 <u>\$185</u>
CHECK/MONEY ORDER / P.O. #
<input type="checkbox"/> Please invoice my company Charge to my credit card account: <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover <input type="checkbox"/> AMEX
Billing Zip Code (For security purposes)
CARD NUMBER:
NAME ON CARD
EXP. DATE / CCV Code:
x _____ CARD HOLDER SIGNATURE

MAIL OR FAX THE COMPLETED FORM TO:

**OPERATOR TRAINING COMMITTEE OF OHIO, INC.**  
3972 Indianola Avenue \* Columbus, OH 43214  
(614) 268-6826 \* Fax (614) 268-3244

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