



## Introduction to Control Systems and Asset Mapping and Management

(6.0 hours of training contact hours)

Friday, February 24, 2012

ODOT Central Office  
(Auditorium)  
1980 Broad Street  
Columbus, OH 43229  
(614) 752-0228

Presented by:

The Ohio Section American  
Water Works Association

Information Technology  
Committee

### WHO SHOULD ATTEND?

#### **Target Audience:**

This course is intended for any individual professional or management seeking instruction on introduction to different types of control systems and GIS mapping and management options. Different types of control system strategies and levels of GIS software capabilities will be reviewed.

#### **Course Prerequisite:**

There are no formal prerequisites. However, students should possess a general interest in control systems, asset management and GIS mapping and management.

#### **Purpose of the Course:**

The purpose of this course is to introduce students to the basics of control and SCADA systems including web based tools and vulnerabilities. Information management software, proper GIS data collection and GIS software capabilities/case studies will be presented.

### AWWA's COMMITMENT

The Ohio Section AWWA is committed to affording leadership and guidance to the water community in order to provide sufficient, high quality, safe drinking water.

#### Ohio Section AWWA Governing Board

Chair – Karen Hawkins

Vice Chair – Lorrie Brown

Northeast Trustee – Chris Nielson

Southwest Trustee – Tim Ray

Southeast Trustee – Shawn Wagner

Northwest Trustee – Larry Huber

Trustee-At-Large – Dan Barr

Trustee-At-Large – Robin Liss

Association Director – Melinda Raimann

Treasurer – Bob Gardner

Secretary – Rick Griffing

**Introduction to Control Systems and Asset Mapping and Management**

Friday, February 24, 2012

- 8:00 am **Registration**
- 8:30 am **Welcome and Introductions**
- 8:45 am **Control and SCADA Processes:**  
*Glenn King  
SOS Integration*
- 9:30 am **Web Based Monitoring Tools:**  
*Glenn King  
SOS Integration*
- 10:15 am **BREAK**
- 10:30 am **Information Management Systems:**  
*Scott Dorner  
Hach WIMS*
- 11:15 am **Industrial Control Systems Vulnerabilities:**  
*Jeff Gray  
US Department of Homeland Security*
- 12:00 am **LUNCH** (provided)
- 1:00 pm **Proper Asset Management and Data Collection:**  
*Curtis Truss  
Operator Training Committee of Ohio  
(OTCO)*
- 1:45 pm **“Enterprise” GIS for Municipal Utilities – Getting There:**  
*Ryan Pulis  
Brown and Caldwell*
- 2:30 pm **BREAK**

2:45 pm **Geneva on the Lake a Case Study for a Smaller Community:**  
*Jim Hockaday  
Village of Geneva on the Lake*

3:30 pm **GIS as a Tool for Asset Management:**  
*Chris Mencini & Keith Wempe  
Greater Cincinnati Water Works*

4:15 pm **Adjourn**

**Contact Hours**

This workshop has been submitted to the Ohio EPA for **6.0 operator contact hours**. Hours received by attendees will be maintained on the OTCO Contact Hour Tracking Database web site.

**Contact Hour Registration Fee**

On or before Friday, February 17, 2012.  
**\$ 100.00** members/ **\$125.00** non-members  
After Friday, February 17, 2012.  
**\$ 125.00** members/ **\$150.00** non-members

If payment is not received prior to registration, you will be invoiced.

Make check, money order, purchase order payable to:

Ohio Section AWWA  
3972 Indianola Ave.  
Columbus, OH 43214  
(614) 265-3180 \* (614) 268-3244 fax  
oawwa@ohiowater.org

OR

REGISTER ONLINE AT:

<http://www.ohiowater.org/oawwa/>

**Accommodations**

The registration fee does not include hotel accommodations.

**REGISTRATION FORM**

OHIO SECTION AWWA

(Please print below)

OTCO STUDENT ID #: \_\_\_\_\_

\_\_\_\_\_  
FIRST NAME

\_\_\_\_\_  
LAST NAME

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
EMPLOYER

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY/STATE/ZIP

(\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Ext. \_\_\_\_\_

BUSINESS TELEPHONE

(\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

FAX (for confirmations)

\_\_\_\_\_  
EMAIL ADDRESS (optional)

Please check & initial if the above information needs to be updated in the OTCO Training Tracking System. [ ] \_\_\_\_\_

Member Price: \$100.00 (\$125.00 after 2/17/12)

Non-member Price: \$125.00 (\$150.00 after 2/17/12)

\_\_\_\_\_  
CHECK OR MONEY ORDER NUMBER

\_\_\_\_\_  
P.O. NUMBER

Charge to my credit card account:

Visa MasterCard Discover AMEX

Billing Zip Code (For security purposes) \_\_\_\_\_

\_\_\_\_\_  
CARD NUMBER

\_\_\_\_\_  
NAME ON CARD

\_\_\_\_\_  
EXP. DATE

\_\_\_\_\_  
CARD HOLDERS SIGNATURE

Please invoice my company

MAIL OR FAX THE COMPLETED FORM TO:

Ohio Section AWWA

3972 Indianola Ave.

Columbus OH 43214

(614) 265-3180 \* FAX (614) 268-3244

## ODOT Central Office Directions

**OHIO DEPARTMENT OF TRANSPORTATION  
CENTRAL OFFICE  
1980 W. BROAD ST. ( U.S. 40 )  
COLUMBUS, OH 43223**



### From western part of state:

1. Take 1-70 east, exit at U.S. 40 (West Broad St., exit # 97).
2. At bottom of ramp turn right, onto westbound U.S. 40 (W. Broad St.)
3. Go up hill on U.S. 40 to first traffic light; turn right into driveway.
4. ODOT is the second large building on the right. Turn left into the parking lot; the lobby is located inside the south (first) entrance.

### From eastern part of state:

1. Take 1-70 west to U.S. 40 [West Broad St., exit # 97].
2. At bottom of ramp turn left, onto westbound U.S. 40 [W. Broad St.)
3. Go up hill on U.S. 40 to first traffic light; turn right into driveway.
4. ODOT is the second large building on the right. Turn left into the parking lot; the lobby is located inside the south (first) entrance.

### From northern part of state:

1. Take 1-71 south to 1-70 west.
2. Take 1-70 west to U.S. 40 (West Broad St., exit # 97).
3. At bottom of ramp turn left, onto westbound U.S. 40 (W. Broad St.)
4. Go up hill on U.S. 40 to first traffic light; turn right into driveway.
5. ODOT is the second large building on the right. Turn left into the parking lot; the lobby is located inside the south (first) entrance.

### From southern part of state:

1. Take 1-71 north to 1-70 west.
2. Take 1-70 west to U.S. 40 (West Broad St., exit # 97).
3. At bottom of ramp turn left, onto westbound U.S. 40 (W. Broad St.)
4. Go up hill on U.S. 40 to first traffic light; turn right into driveway.
5. ODOT is the second large building on the right. Turn left into the parking lot; the lobby is located inside the south (first) entrance.