

# ASCE Newsletter

## Central Ohio Section

January, 2011  
Volume 15, Issue 5

### CONTENT

President's Letter 2

Latest News 2-3

Calendar of Events 4

Newsletter Ads 5-6

Pay Securely  
Online On Our  
Web Site



### JANUARY LUNCH MEETING

**Date /Time:** Thursday, January 20, 2011 - 11:30 A.M. Registration- 12:00 P.M. Lunch

**Location:** Crowne Plaza Columbus North - 6500 Doubletree Ave. - Columbus, OH 43229

**Speakers:** Tatyana Arsh, PE, Director - City of Columbus Department of Public Utilities



Department of Public Utilities

Tatyana Arsh, P.E., Director

**Topic:** **City of Columbus - Water, Sewerage and Drainage Challenges**

Tatyana Arsh, PE, is the Director of the City of Columbus Department of Public Utilities (including the Division of Power and Water and the Division of Sewerage and Drainage) and oversees an annual budget of \$550 million. Among many challenges, the City has embarked on a 40 year, \$5.5 billion project to eliminate sources of combined sewer overflows to the Scioto and Olentangy Rivers in the greater Columbus area. Ms. Arsh will provide an insight on major activities of her department to date, and the challenges ahead.

**Menu:** Fresh garden salad with assorted dressings, rolls and butter; boneless breast of chicken marinated, grilled and topped with julienne vegetables and cream sauce, Chef's fresh vegetable du jour and rice. Desert and beverages: Starbucks coffee, water and iced tea.

**CPD Hours:** A certificate for one (1) Continuing Professional Development (CPD) hour will be issued.

**RSVP:** For reservations contact Mike Mazzoli at [mike.mazzoli@psiusa.com](mailto:mike.mazzoli@psiusa.com) or (614) 876-8000 or register and pay [online](#) with a credit card. **Registration is due by 4 PM on Friday, January 14, 2011.** Late registrations and walk-ins may not be accepted. Registration fees may still be required for no-shows and registrants canceling after January 14, 2011.

**Cost:** \$20 ASCE Members & Guests - \$15 ASCE Life Members - \$10 Students.

**Payment:** The preferred method of payment is [online](#) before January 14, 2011 or on the day of the event by cash or check. If you need to pay for multiple registrations, please pay by check. Checks should be made payable to Central Ohio ASCE.

### 2010 - 2011 BOARD OF DIRECTORS

**PRESIDENT**  
Julie Pickering  
(614) 486-4383

**TREASURER**  
Adam Rich  
(614) 797-2463

**1ST VICE PRESIDENT**  
Michael Mazzoli  
(614) 876-8000

**MEMBER-AT-LARGE /  
NEWSLETTER EDITOR**  
Brooks Vogel  
(614) 487-1650

**2ND VICE PRESIDENT**  
Michael Navabi  
(614) 839-0379

**SECRETARY**  
Mark Seidelmann  
(614) 486-4383

**WEB SITE EDITOR**  
Peter Narsavage  
(614) 432-4030

## LETTER FROM THE PRESIDENT

Happy New Year! I look forward to the start of a new year and hope that this will be a good and prosperous year for you, your family, and the engineering profession in general.

For the Central Ohio Section, 2011 promises to be an especially exciting year because we will be celebrating our 90<sup>th</sup> year as a Section! Thank you to all the individuals who have been active in the Section over the years, whether by serving on the Board or by supporting the Section in another way, such as attending our luncheon meetings. Without you, we would not be in a position to celebrate 90 years! For those of you who are new to the area or new to our Section, I encourage you to make 2011 the year you get more involved!

One way to get more involved is to attend our January luncheon meeting! It will be a joint meeting with Ohio Water Environment

Association (OWEA) and will be held on Thursday, January 20<sup>th</sup> at the Crowne Plaza Columbus North. We expect a large attendance for this luncheon as the presentation will be about some of the challenges faced by the City of Columbus, Division of Power and Water and Division of Sewerage and Drainage. It should be very interesting, and I hope you can join us there! For more details on this month's luncheon, please see page 1 of this newsletter.

Have a wonderful January!

Thank you,

Julie L. Pickering, PE, M.ASCE  
[Julie.Pickering@Stantec.com](mailto:Julie.Pickering@Stantec.com)

## CIVIL ENGINEERING PE REFRESHER COURSE



The 2011 Ohio State University Department of Engineering Civil Engineering Refresher Course will meet each Tuesday and Thursday evening from 7:30 to 10:30 for eight sessions beginning January 25 and ending February 17. Registration is required and must be completed by January 11. Payment or contract must accompany the application to ensure enrollment. All checks or money orders should be payable to The Ohio State University. If enrollment does not meet the minimum required, the course will be canceled and all money refunded.

**Textbooks and Notes:** No text is specified for the course. Participants are encouraged to refer to the textbooks they used in their formal education. Copies of appropriate lecture notes will be provided. Participants will also be given a copy of the *PE Civil Sample Questions and Solutions* book from the National Council of Engineering Examiners (NCEE).

**Fees:** The cost for the course is \$600. Full refund (less \$50 processing charge) for any cancellation/withdrawal prior to the first class meeting date. There are no refunds for partial attendance.

**Location:** The class will be held in Hitchcock Hall Room 426 on the OSU Columbus Campus.

**Parking:** There is a fee for parking in the OSU garages. A map can be found on OSU's webpage at <http://www.osu.edu/map/>

**Topics Covered:** Structural Analysis, Reinforced Concrete and Structural Steel Design, Transportation Engineering, Environmental Engineering, Geotechnical Engineering, Construction Management, Engineering Economics and Hydraulics & Hydrology.

**Contact:** Ed McCaul - College of Engineering - 2070 Neil Avenue - Columbus, OH 43210. Phone: 614-292-7931 - Fax 614-688-3805 - Email: [mccaul.1@osu.edu](mailto:mccaul.1@osu.edu)

**HOW FINANCIAL SUCCESS HAPPENS**

Research has shown that the vast majority of millionaires are fastidious planners, budgeters, and investors. They set a goal, make a plan to reach that goal, then work hard to make it happen.



On Wednesday, Jan. 26th the Younger Member Group will be having a presentation on the topic of Financial Success. A financial consultant from Northwestern Mutual Financial Network will be giving a non-marketing presentation geared towards the under 35 age group. Bring a guest and any finance-related questions you might have. Click [HERE](#) for more information. Please RSVP to AJ Smith at [asmith@bbcm.com](mailto:asmith@bbcm.com) by January 19th.

At this educational presentation, you will learn:

- A six-step plan for financial success
- How to estimate the amount of life insurance you really need
- Three critical components of a sound investment plan
- Steps you can take to help manage taxes
- How to calculate how much money you'll need to retire
- Important estate conservation strategies

When: Wednesday, January 19, 2011. Sign-in/Social: 5:30-6:00pm. Dinner/Presentation: 6:00-7:00pm.

Where: Tommy's Pizza - 4273 W. Dublin-Granville Rd., Dublin, OH 43017

Registration: \$5, includes pizza, salad, and beverages.

**CALL FOR PRESENTATIONS - ASCE 2011 CONFERENCE**

ASCE's 141st Annual Civil Engineering Conference will be held in Memphis, Tennessee, October 20-22, 2011. Planning is underway for the educational sessions, and ASCE needs your assistance. Working with the conference theme, "**Sustainable Infrastructure – Civil Engineering Solutions**", the Conference Program Committee is soliciting proposals for conference educational program.

The presentations/sessions are 90-minutes and may either be lecture, panel or group discussion style sessions to be held either on Thursday, Friday or Saturday. As always, we seek interesting and engaging topics and discussions based on the conference theme. The Conference Program Committee seeks to develop a "well rounded" program of sessions that educate and reinforce topics relevant to being a learned professional along with technical discussions that appeal to the science and engineering perspectives of the participants.

We encourage you to submit a presentation proposal on a subject of interest to you or your organization. For additional information about submitting your nomination, please contact any board member of the Central Ohio Section. Deadline for receipt of proposals to ASCE National is Tuesday, January 25, 2011.

**ASCE CONTINUING EDUCATION WORKSHOPS**

ASCE is pleased to provide the upcoming ASCE Continuing Education seminars and workshops in the Midwest Region. These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department and may be of interest to you. Please click on the links below for additional information.

<b>DATES</b>	<b>SEMINARS AND COMPUTER WORKSHOP LINKS</b>	<b>Location</b>
Feb. 17-18, 2011	<a href="#">Design of Lateral Force Resisting Systems in 2009 International Building Code</a>	Cincinnati, OH
Feb. 24-25, 2011	<a href="#">Upgrading Treatment Plants and Pumping Stations</a>	Chicago, IL
March 10-11, 2011	<a href="#">Earth Retaining Structures, Design, Construction and Inspection: Now in LRFD</a>	Cincinnati, OH
March 10-11, 2011	<a href="#">HEC-HMS Computer Workshop</a>	Chicago, IL
March 16-18, 2011	<a href="#">Design of Foundations for Dynamic Loads</a>	Cincinnati, OH
March 17-18, 2011	<a href="#">Design of Cold Formed Steel Structures The New 2007 Specification</a>	Chicago, IL
March 23-25, 2011	<a href="#">Design and Construction of Microtunneling Projects</a>	Chicago, IL
March 24-25, 2011	<a href="#">Low Impact Development Applications for Water Resource Management</a>	Madison, WI
March 24-25, 2011	<a href="#">Modern Detectors for Traffic Surveillance Management/Traveler Information</a>	Chicago, IL

**2010-2011 CENTRAL OHIO ASCE MEETINGS**

Meeting Date	Topic	Location	Person Responsible
Thursday, September 16, 2010 Lunch	Lime Stabilization/ ODOT Projects	OSU Golf Club	Peter Narsavage
Thursday, October 21, 2010 Lunch	Childrens Hospital Projects	Lincoln Theater	Ryan Konst/ Tom Rozsits
Thursday, November 18, 2010 Lunch	Engineers Without Borders	OSU Longaberger Alumni House	Andrian Lee
Thursday, December 16, 2010 Dinner	Columbus Zoo Polar Bear Exhibit	Columbus Zoo	Tom Rozsits/ Bob Heady
Thursday, January 20, 2011 Lunch	City of Columbus Combined Sewer Overflows & Mitigation Projects	Crowne Plaza North	Michael Navabi
Thursday, February, 2011 TBA	Engineers Week	TBA	E-Week Organizer
Thursday, March 17, 2011 Lunch	West Main Street Bridge - Westerville	Villa Milano	Michael Bashor/ Jim Pajk
Thursday, April 21, 2011 Dinner	Ohio University Projects	Ohio University - TBA	Bob Heady
Thursday, May 12, 2011 Lunch	President Elect Lunch	OSU Blackwell Inn	Mike Mazzoli
June, 2011	Planning Meeting	TBA	Adam Rich

**KEEP UP TO DATE**

**Join Our E-Mail List!**  
*Keep up to date with all the current events and announcements. Just go to <http://centralohioasce.com/e-mail> and follow the directions to sign up.*

**Visit Us On The Web:**  
[www.centralohioasce.com](http://www.centralohioasce.com)

**E-Mail Us:**  
[asce@centralohioasce.com](mailto:asce@centralohioasce.com)

**BOARD MEETING**

*Our Next Board Meeting Will Be Held at 11:30 A.M. Thursday, February 3, 2011. Stantec Consulting Services 1500 Lake Shore Drive Columbus, OH*

OUR PROFESSIONAL SPONSORS

*Thank You*

**Put Your Ad Here**

Business Card Ad

\$175 / year

Double Business Card Ad

\$350 / year

To purchase a newsletter ad, contact Mike Mazzoli by email at [mike.mazzoli@psiusa.com](mailto:mike.mazzoli@psiusa.com) or by phone at (614) 876-8000.



**Achieving Exceptional Results through Management and Engineering**

An innovative, full-service, single-source civil engineering & management firm providing:

- Water & Sewer Design
- Transportation Planning/Design
- Construction Management
- Site Development
- Survey/GIS Mapping
- Right-of-Way Acquisition
- Government Services
- Value-Added Services

800-229-1774  
[www.mecompanies.com](http://www.mecompanies.com)



Geotechnical Engineering  
Environmental Engineering  
Construction Observation & Materials Testing

(800) 433-1840 • [www.bbcm.com](http://www.bbcm.com)

Columbus Cleveland Cincinnati Dayton



**GEOTECHNICAL CONSULTANTS, INC.**



Westerville, OH

Youngstown, OH

GEOTECHNICAL ENGINEERING  
ENVIRONMENTAL SERVICES  
GeoTDR

LABORATORY TESTING  
DRILLING SERVICES  
SITE MONITORING

(614) 895-1400 – fax (614) 895-1171  
[www.gci2000.com](http://www.gci2000.com)



**Grumman Exploration, Inc.**

*Near-surface Geophysics,  
Non-destructive Subsurface Exploration*

**Services**

- Ground-Penetrating Radar
- Electrical Resistivity Imaging
- Electromagnetic Profiling
- Seismic Testing
- Magnetometry



**“Look before you dig”**

(614) 488-7860

[www.GrummanExploration.com](http://www.GrummanExploration.com)  
[info@GrummanExploration.com](mailto:info@GrummanExploration.com)

**INNOVATIVE ENGINEERING**

GIS ■ Planning ■ Geotechnical ■ Design/Build  
Environmental ■ Transportation ■ Water Resources  
Program Management ■ Construction Services



**Gannett Fleming**

*A Tradition of Excellence*  
[www.gannettfleming.com](http://www.gannettfleming.com)

Columbus, OH ■ Phone: (614) 794-9424  
Akron, OH ■ Phone: (330) 668-8800



**A Terracon COMPANY**

Geotechnical Engineering Environmental Engineering  
Construction Materials Engineering Facilities

H. C. Nutting A Terracon Company  
Central Ohio Region  
790 Morrison Road  
Columbus, Ohio 43230

P 614.863.3113 F 614.863.0475  
[www.hcnutting.com](http://www.hcnutting.com) & [www.terracon.com](http://www.terracon.com)

**Delivering Success for Clients and Employees**



Urban Revitalization Waste Management Energy Environmental

*Solving complex challenges related to land, energy and the environment.*

Hull can help!  
Contact 614.793.8777  
[www.hullinc.com](http://www.hullinc.com)

**Hull**  
& associates, inc.

**Jones-Stuckey Ltd., Inc.**



Highways • Bridges  
Civil/Site • Sewers • Waterlines  
Recreation • Parks • Environmental  
Studies • Construction Administration

Columbus Akron  
614.486.0401 330.620.8271

[www.jonesstuckey.com](http://www.jonesstuckey.com)

Civil • Structural Engineers

## OUR PROFESSIONAL SPONSORS

*Thank You*

 **ms consultants, inc.**  
engineers, architects, planners  
2221 Schrock Road  
Columbus, Ohio 43229-1547  
614.898.7100  
info@msconsultants.com  
www.msconsultants.com

Offices in Ohio, Indiana, Pennsylvania, West Virginia & North Carolina



STRUCTURAL ENGINEERING

1166 Dublin Road, Suite 200  
Columbus, Ohio 43215-1038

T 614 481-9800  
F 614 481-9353

www.smbhinc.com



**SPENCE**  
Environmental  
Consulting, Inc.

- Environmental Assessments
  - Geotechnical Engineering
  - Site Remediation
  - Regulatory Compliance
- (614) 837-4750  
www.spenceenv.com

Engineering • Planning • Architecture  
Environmental • Surveys • Transportation

In Ohio, call  
(614) 486-4383



One Team. Infinite Solutions.

**Steven Schaefer Associates, Inc.**

Cincinnati • Columbus



Consulting Structural Engineers

815 Grandview Ave  
Suite 250  
Columbus, Ohio 43215  
www.ssastructural.com

Phone: 614-428-4400  
Fax: 614-428-4500

**KORDA**

IMAGINE • CHALLENGE • INNOVATE • CREATE

Columbus office

tel: +1 614.487.1650  
fax: +1 614.487.8981  
web: www.korda.com  
email: columbus@korda.com

1650 Watermark Drive Suite 200 | Columbus, Ohio 43215

Site Development | Transportation | Public Works | Surveying