

Environmental Affairs & Technology Advanced Committee

Mission: To Identify environmental issues and develop effective solutions using cutting edge public and private technologies.

Objectives: To disseminate innovative and emerging technologies to improve environmental, infrastructure and other engineering applications, and to stimulate young member participation. The committee will seek to include the NJ Post to better integrate the resources and membership opportunities on both sides of the Hudson River.

The committee has and will continue to conduct a series of brown bag type lunch presentations of approximately 35 minutes in length at the EPA's 290 Broadway offices in NYC and offer continued education or professional development credits. We will recognize contributions to the NYC Post and nominate them for national awards.

The Environmental Affairs and Technology Advancement Committee of the NYC Post provides a linkage between the young members committee and the membership committee of our post. We have and will continue to extend an invitation to NJ Post members to participate in our activities.

Responsibilities:

*Joseph Porrovecchio, Shaw Group
Environmental & Infrastructure, Inc. - Chairman*

Eric Stern, EPA - Meeting Host

George Fink Jr. PE, FAI Mgt Consultants - Facilitator

*Bud Griffis PE PhD - Continuing Professional
Development Program (CPDP) Committee
Coordinator*

Presentation Coordinators:

- February 2003 J. Porrovecchio/ Eric Stern
- March/April 2003 Eric Stern

- May 2003 J. Porrovecchio
- July 2003 George Fink
- September 2003 J. Porrovecchio
- October 2003 George Fink
- November 2003 J. Porrovecchio

SAME, New York City Post Technical Presentations and Seminars Training Year 2003

On February 27, 2003 Robert N. Blama, Baltimore District Corps presented: Ecosystem Restoration and Bioengineering

Case studies included: Anacostia River Fringe Wetland creation; Poplar Island Restoration; Blackwater Wildlife Refuge – Thin Layer Placement and; Submerged Aquatic Vegetation – Isle of Wight Demonstration Project.

On February 27, 2003 Evening Public Information Meeting, Polish Slavic Center 177 Kent Street, NY 11222 Eric Stern, EPA's Regional Contaminated Sediment Program Manager, moderated seven panelists, with Joe Porrovecchio, and others presented Application of Sediment Decontamination to Restoration of Newtown Creek

A panel of experts presented the importance of decontamination technologies in restoring urban waterways. Highlights of the presentation included Claremont Channel, dredging procedures, disposal solutions, Gowanus Canal Revitalization, high and low temperature technologies coming on line in New York Harbor.

On March 6, 2003 USEPA and USACE Contaminated Sediment Seminar half-day Series: CDM team seminar entitled Watershed Restoration.

On April 22, 2003 USEPA and USACE Contaminated Sediment Seminar half-day Series: Paul K. Boyce, PE of PW Grosser, Inc . on Watershed and Groundwater Management.

On April 28, 2003, Annette Gatchett, Associate Director, USEPA Labs. Cincinnati, Ohio presented The EPA Superfund Innovative Technology Evaluation (SITE) Program testing and evaluation of new technologies

On May 1, 2003 Evening Public Information Meeting at the Old Stone House historic site, Brooklyn, NY the Gowanus Canal Community Development Corporation's Habitat Subcommittee Chairman John Muir and Pam Lynch, New York District Project Biologist led a panel of distinguished academia discussion of the aquatic resources and potential for the Gowanus Canal.

On May 23, 2003 Evening Public Information Meeting at St. Peter's Church, Court St. Brooklyn repeated the panel discussion of the aquatic resources and potential for the Gowanus Canal..

On July 10, 2003 at the Gowanus Canal Community Development Corporation's Computer Lab, 515 Court St. Brooklyn, George Fink Jr. PE presented two (afternoon and evening) training sessions on Basic Scheduling using CPM Concept of Critical Path and Introduction to Microsoft Project 2000

On September 30, 2003 Dr. John Mauro CHP of SC&A, Inc. presented the lunchtime seminar entitled Radiological Attacks: Guidance for First Responders and Training Tools

The resources for responding to large and small radiological/nuclear incidents resides at with several federal agencies, (including the recently formed Office of Domestic Preparedness), state offices of emergency management, and at local level at nuclear power plant and national laboratory locations. Resources and capability to deal with nuclear/radiological incidents, including radiological dispersal devices or low yield explosive devices, are only now being developed within large cities due to concern over acts of terrorism. The purpose of this session was three-fold:

- to provide guidance to first responder who may be called upon to save lives following a

radiological incident in the first 4 to 8 hours before state and federal resources arrive at the scene;

- to understand training tools such as the HOT SPOT computer code that simulate emergency response environments during radiological incidents and also predict consequences of actual incidents; and
- to access the training programs and grants available, free of charge, to state and local authorities through the US Department of Justice and the Office of Domestic Preparedness.

On November 19, 2003 Ken Hayes of Aqua Surveys Inc. will present; Water Supply at Risk and Rapid Toxic Detection

Ken will present the EPA's Environmental Technology Verification (ETV) Program and ETV's recently completed verification study of eight water terrorism detection technologies. Data will be presented for all eight of the technologies. Ken will demonstrate his patented threat detection technology that utilizes the inhibition of a key enzyme system in the aquatic invertebrate *Daphnia magna* to detect chemical and biological weapons.

Our Purpose:

SAME brings together professional engineers and those in engineering-related fields:

- To improve and increase the engineering capabilities of the nation;
- To exchange and advance the knowledge of engineering technologies, applications, and practices.

SAME is a nonprofit professional engineer association, founded in 1920 to engage military and federal government engineers with those in private life for the purpose of improving the engineering potential of the United States; the Society today has some 25,000 members from industry, the military, government and academia.

The NYC Post has over 70 sustaining member firms. The Post also has many interests such as NYC Post

SAME Scholarship Fund Inc., Commander Rino M Monti Memorial Scholarship and various committees such as the "Readiness Committee", "Student Activities Committee", etc.

***For further information see New York Post website:**

www.same-nyc.org

**Contact: Mike Scarano, Post Secretary.
(718) 765-7112**

Upcoming NYC Post Events:

- March 10, 2004
NY Post Evening Meeting
The Harvard Club
27 West 44 St (twix 5th & 6th Aves)
5:30 - 8:45 pm
- April 28, 2004
NY Post Evening Meeting
The Harvard Club
27 West 44 St (twix 5th & 6th Aves)
5:30 - 8:45 pm
- June 9, 2003
NY Post Evening Meeting
The Harvard Club
27 West 44 St (twix 5th & 6th Aves)
5:30 - 8:45 pm
- June 18, 2003
Joint NY & NJ Post Harbor Inspection
COE Vessel Hayward

Some Upcoming SAME Conferences & Programs:

- May 17 – 21, 2004
2004 National Education and Training Conference and EXPO
San Antonio TX

See web site www.same.org

Society of American Military Engineers

New York City Post



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