

FIRST-CLASS MAIL
US POSTAGE
PAID
ROCHESTER, NY
PERMIT NO 14



SWANA[®]

SOLID WASTE ASSOCIATION
of North America

www.swananys.org

SWANA, NYS Chapter
c/o Peter F. Kuniholm
SCS Engineers, P.C.
4 Executive Boulevard, Suite 303
Suffern, NY 10901

**Special 50%
Membership Offer
(Details Inside)**

OOPS!

If you wish...

Changes to your address or

Removal from our list,

Simply mark and return to the above address

Anaerobic Digestion for Organic Wastes

Operating Systems, Collection & Energy Recovery



June 20, 2012

**Marriott Albany
189 Wolf Road
Albany, NY 12205
(518) 458-8444**

Sponsored By:

SWANA[®]

SOLID WASTE ASSOCIATION
of North America

**New York State Chapter
www.swananys.org**

An Affiliate of the Federation of
New York Solid Waste Associations

and



About SWANA

SWANA is a membership organization with nearly 8,000 members and 44 Chapters, representing solid waste professionals in both the public and private sector. Our mission is to *advance the practice of environmentally and economically sound management of municipal solid waste*.

Membership Benefits:

- **I AM SWANA News:** Monthly newsletter with news that affects you
- **MSW Management:** Leading solid waste journal for the latest developments, innovations and ideas you can build on
- **E-Sessions:** Web conferences which keep you up-to-date on trends and emerging technologies
- **E-Advocacy Campaign:** Tell your elected officials what matters to you
- **Discounted Rates:** Speciality symposia & training (classroom, home study, manuals and online) and WASTECON

Special 50% Membership Offers

Joining SWANA entitles you to the privileges for New York Chapter, National SWANA and Federation of New York Solid Waste Associations activities and services. By joining NOW, you can receive **50% off the regular membership rate**. Contact Terry Laibach at (845) 256-3141.

MISSION STATEMENT

*To advance the practice of environmentally
and economically sound management
of municipal solid waste.*

EDUCATE

INNOVATE

COMMUNICATE

*The Leading Professional Association
in the Solid Waste Field*

The Day

Anaerobic Digestion (AD) of various types of organic wastes is emerging as a viable and cost effective method of processing organic materials at central locations. Diverting the organic fraction of the waste stream (farm waste, food waste, sludges, fats, oils and greases) with traditional yard wastes and other source separated organics (SSO) will require new facilities to process these materials.

Issues to be addressed at this conference include facility size, type of AD technology, types and sources of feedstocks, odor control, and energy recovery. With a long history of successful application of AD technology at wastewater treatment plants, and more recently on farms for energy recovery from manure, AD is now being widely utilized in Europe to recycle industrial and commercial food waste, with several such facilities coming on line in the U.S. in the past year.

This seminar will highlight operating anaerobic digester facilities, the types of technologies that are emerging, technology maturity, regulatory acceptance, collection of organic materials, energy recovery, feasibility, and costs for developing facilities.

Vendor Booth Opportunities

Limited space is available for vendor table displays outside the conference room. Price is \$250 for 3' x 6' table, includes seminar fee and lunch. Contact Mary Salerno for reservations @ (845) 357-1510.

Location

Marriott Albany • 189 Wolf Road • Albany, NY 12205

The Albany Marriot is located on Wolf Road off I-87 Exit 4 near the Albany, New York Airport. Marriott Albany, 189 Wolf Road, Albany, NY 12205, (518) 458-8444.

NOTE: If you are in need of lodging, the Chapter has set aside a number of rooms. To receive the special rate of \$139.00 please call 800-443-8952 and use Group Code SWAwhen making your reservation. ROOMS MUST BE BOOKED by June 1, to receive the seminar rate.

NYPE PDH's & SWANA Certification Credits

5 PDH's for NY Professional Engineers, as well as SWANA CEU credits will be available.

Program

7:30 – 8:00 AM	Registration & Continental Breakfast
8:00 – 8:10 AM	Welcome and Introduction Martin Bellew, SWANA, NYS Chapter President Peter Kuniholm, SWANA, NYS Program Coordinator
8:10 – 9:00 AM	Overview of Anaerobic Digestion <i>Technology Types, European Systems, Feasibility & Current Northeast Region Focus</i> Bob Spencer, Executive Director, Windham Solid Waste Management District, Brattleboro, VT
9:00 – 9:50 AM	BIOFERM Energy Systems: Oshkosh, WI Digester System <i>University of Wisconsin dry fermentation anaerobic digester technology process from Germany 2011 start-up</i> Christine McKiernan, Vice President of Engineering, BIOFerm
9:50 – 10:20 AM	Break
10:20 – 11:10 AM	Anaerobic Digestion of Municipal SSO in the City of Toronto; Past Experience & Future Plans <i>Toronto is the first major North America city to build anaerobic digesters for source separated organics utilizing BTA wet preprocessing stage & digestion technology.</i> Brian Van Opstal, M. Eng., P. Eng. Manager, Operational Planning, Solid Waste Management Services, City of Toronto
11:10 – 12:00 PM	New England Organics with AGreen and Quasar <i>Operates the first anaerobic co-digester at Jordan's Dairy Farm in Rutland, MA co-digesting dairy manure and SSO food residuals.</i> Jay Kilbourn, Director of Business Development, NEO, Portland, ME
12:00 – 1:00 PM	Lunch
1:00 – 1:50 PM	Quasar Energy Group, High Solids Anaerobic Digestion <i>Operating and planned projects in Rutland, MA, NY and Ohio, processing farm and SSO waste.</i> Mel Kurtz, President, Quasar Energy Group, Cleveland, OH
1:50 – 2:40 PM	Cayuga County, NY: Comparison of Two Farm Digester Projects: Central Digester for Multiple Farms vs. Central Power Plant via a Dedicated Pipeline Frank Howe, retired County Planner & Greg McCarron, Vice President, SCS Engineers



All waste paper, cans and plastic bottles generated by this session will be recycled.



Registration Form

Anaerobic Digestion for Organic Wastes Wednesday, June 20, 2012

Registration fee includes admission, continental breakfast, coffee break, and lunch.

	Member (2)	Non-Member
Pre-Registration (1)	\$95.00	\$110.00
Walk-In Registration	\$110.00	\$125.00

Luncheon Options: Please choose your preference.

- ☐ Chicken Piccata ☐ Roast Turkey Sandwich
☐ Eggplant Napoleon w/Penne Pasta

Checks payable to: SWANA - NYS Chapter
Please return with payment by June 6, 2012

Peter F. Kuniholm • SCS Engineers, P.C.
4 Executive Boulevard, Suite 303 • Suffern, NY 10901

(Please print or type)

Name: _____

Title: _____

Company: _____

Address: _____

City: _____

State: _____ Zip Code: _____

Phone No.: _____

Fax No.: _____

Email: _____

Questions? Contact Peter Kuniholm at (845) 357-1510 or
pkuniholm@scsengineers.com OR Mary Salerno
at msalerno@scsengineers.com

- (1) Payment and/or voucher must accompany registration form
- (2) SWANA, Long Island Sanitation Officials Association and Federation of New York State Waste Associations Affiliates and NYSDEC staff.