



ASABE 2010

Annual International Meeting

Pittsburgh, Pennsylvania
June 20th - 23rd

TECHNICAL TOURS

Dairy Facilities: *Milking, Manure Handling & Housing Systems*

Saturday, June 19

8:00 AM – 5:00 PM

Cost: \$70, plus hotel and lunch on own (a stop for lunch is planned)

Note: This tour begins at the Hampton Inn near Baltimore Airport (BWI) on Saturday morning and ends in Pittsburgh (one way). Due to the early start on Saturday, a specially priced room block at \$79 has been reserved for Friday night, June 18 at The Hampton Inn at BWI Airport (6617 Ritchie Highway, Glen Burnie, MD 21061) which includes a complimentary shuttle from the airport, free parking, and breakfast. Please call 410-761-7666 or go online www.hamptoninnbaltimore.com by May 18, 2010 to make your reservations, and reference **ASABE** for the group rate.

The dairy facilities tour is an excellent opportunity to see innovations and advances in dairy facility design. Specifically, see innovative housing, milking, and manure systems at:

- Mason Dixon Farms (2,000 milking), Gettysburg, PA: robotic milking, innovative housing systems, and anaerobic digestion.
- Mercer Vu Dairy (1,000 milking), Mercersburg, PA: freestall housing, sand bedding, high-capacity flush system, and sand-manure separation system.
- Penn England Farms (850 milking), Williamsburg, PA: freestall housing, manure bedding, and anaerobic digestion.

This tour is targeted to interest dairy facility designers, extension personnel, equipment suppliers and dairy producers. Wear clothing conducive to summer walking on dairy farms. Biosecurity footwear will be provided at each site. This tour will originate at the Hampton Inn near BWI Airport and will conclude at your hotel for the ASABE meeting in Pittsburgh.

A Creek Runs Through It! Removal of Dams to Restore Riverine Function

Saturday, June 19

12:30 – 5:30 PM

Cost: \$50, includes bus and boxed lunch

Pennsylvania leads the nation in the removal of outdated dams. This visit to a dam removal project will provide a clearer understanding of the challenges and benefits of dam removals to restore natural function of a stream corridor. Through visiting examples of actual dam removal projects, the benefits of this practice and the process required to complete them will be highlighted.

YPC Social Outing – Sightseeing Clipper Cruise and Dinner

Saturday, June 19

3:00 – 8:00 PM

Cost: \$14, plus taxi and dinner on own

Note: The walk to the Clipper Cruise is about 1 mile through the city and across the river. Taxi's will post at this location for you to share a ride at your own expense for those not wishing to walk.

Spend Saturday evening with fellow young professionals in ASABE! Join us outside the East Lobby of the Convention Center at 3:15 PM. We will arrange to have several taxis available at this location for you to share the ride across the river to Station Square. At Station Square, we'll catch a Sightseeing Clipper Cruise at 4:00 PM (boards at 3:50), taking in the views of Pittsburgh from the water. The Captain will point out distinctive sites and provide a narration of Pittsburgh's history and what is happening currently. After the boat docks at 5:00 PM, we'll stop for dinner at a restaurant nearby. Station Square is a charming riverfront restoration of the former Pittsburgh and Lake Erie Railroad Headquarters and is now a popular complex housing an array of specialty shops, boutiques and eateries. The outing is open to everyone - Senior Actives, Student members, International Pre-professional Council members - come join us if you can! Preregister and save about a dollar off the dockside price.

Robotics Institutes at Carnegie Mellon University

Sunday, June 20

12:30 – 4:30 PM

Cost: \$40

Engineers interested in mechanization and automation for specialty crops, and those with general interest in robotics will benefit from this tour. Participants will observe comprehensive mechanization and automation efforts for fruit crops and nurseries at three locations, and will have the opportunity to interact with Carnegie Mellon investigators working on automating many of the labor-intensive activities associated with specialty crops. Stops include Pittsburgh's Supercomputing Center at Carnegie-Mellon University, The Robotics Engineering Consortium, and Soergel Greenhouses and Garden. Demonstrations of the equipment are also planned.

Tour-Ed Coal Mine & Museum

Monday, June 21

1:00 – 4:30 pm

Cost: \$40, includes entry to the Coal Mine and transportation

Come on this tour and learn about Pittsburgh's rich coal mining history! Join us as we tour a historic mine, guided by miners who have worked in the industry. The tour includes a journey underground for live demonstrations (wear a jacket – it's cool!). You can learn about the tools and methods used throughout history, and you will have the chance to ask the miners about their work. This educational tour promises to be a real treat. Check it out at www.tour-edmine.com

Alter NRG Tour – Plasma Gasification Alternative Energy

Tuesday, June 22

12:30 – 4:30 pm

Cost: \$50, includes transportation and boxed lunch

Engineers interested in alternative energy production will benefit from this tour to the Westinghouse Plasma Center at Waltz Mill. Participants will tour the Westinghouse research center, and have the opportunity to interact with engineers working on research related to commercial alternative energy generation sources, particularly the use of gasification to turn various materials into energy. Currently the Westinghouse Plasma Center is conducting a demonstration project to convert biomass feedstocks into Ethanol in cooperation with Westinghouse Plasma's partner Coskata. More details are available at www.westinghouse-plasma.com and www.coskata.com