

## **ConSoil 2010**

### **Special Session 8B - Sustainable Remediation - Case studies: Does it make a difference?**

#### **Greening Our Environmental Cleanups with Traditional and Innovative Technologies**

**Presenters: Carlos Pachon (US EPA) and Doug Sutton (Tetra Tech)**

Reducing the environmental footprints or secondary effects of soil, groundwater, and sediment cleanups involves examining a remedy from a new perspective. Focus is placed on reducing energy usage, air emissions, water use, materials use, waste generation, and ecosystem disturbances. This focus influences both on-site and off-site activities associated with the cleanup effort. This presentation shares sustainability related recommendations from a recent evaluation of a pump and treat system in southern New Jersey. Practical recommendations for reducing air emissions, water use, materials use, and waste generation, are highlighted. The recommendations illustrate the application of traditional technologies, use of innovative technologies and approaches, and use of typical best management practices.