

Environmental Sustainability of Water & Wastewater Systems:

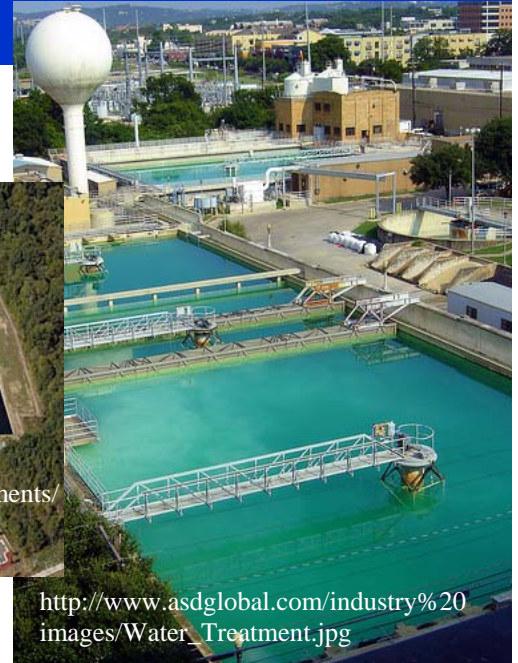
An Introductory Workshop

**February 1, 2010
10 AM– 12:30PM
Orange County
Water District
Boardroom
18700 Ward Street
Fountain Valley, CA**

**Presented by:
Dr. Jennifer Stokes
and
Prof. Arpad Horvath**

TO REGISTER:

Please email
Jennifer Stokes
(jrstokes@cal.berkeley.edu)
with your name, employer,
email address, and phone
number. Registration is
limited to 3 people per
employer (e.g., utility,
consulting firm).



The workshop is intended to introduce professionals in the water and wastewater industry to two new tools that measure sustainability using life-cycle assessment. The tools, the Water-Energy Sustainability Tool (WEST) and the Wastewater-Energy Sustainability Tool (WWEST), have been created by researchers at the University of California, Berkeley as part of research funded by the California Energy Commission and will assist in quantifying air (including GHGs), water, and land emissions associated with constructing, operating, and maintaining these systems. We will present the concepts of sustainability, discuss how tools can be used, present results from prior case studies, and demonstrate the use of the tools.

Related Reading:

Stokes, J., & Horvath, A. (2006). "Life cycle energy assessment of alternative water supply systems." *International J. Life Cycle Assessment*, 11(5), 335-343.
Stokes, J. R., & Horvath, A. (2009). "Energy & Air Emission Effects of Water Supply." *Environmental Science & Technol*, 43(8), 2680-2687.