

CALL FOR PAPERS

EVALUATION OF THE SUSTAINABILITY OF DRINKING WATER TECHNOLOGIES: APPLICATION IN THE DEVELOPED WORLD

Division of Environmental Chemistry
237th American Chemical Society (ACS) National Meeting,
March 22-26, 2009
Salt Lake City, UT

Regardless of the world region, water has emerged as "the defining crisis of the 21st Century." In developed countries, a great need exists for efficient use of and continued development of technologies that effectively, safely, and inexpensively deliver safe drinking water to communities. Some of the external pressures driving this need include emerging contaminants and pathogens, climate change, watershed encroachment, aging drinking water infrastructures, and population growth.

Of the two sessions offered in this series, this session focuses on technologies targeted for developed world communities, and seek to deliver not only the most advanced technical knowledge in treatment of drinking water, but also, an assessment of the degree of sustainability of these technologies in their target communities. Appropriate topics in this session include but are not limited to the following: evaluation of the effectiveness and sustainability of drinking water technologies (e.g., membrane filtration, ultraviolet radiation, oxidation, carbon adsorption, slow and rapid sand filtration); mechanisms for removal of contaminants and pathogens and implications on public health; feasibility of application of developing world technologies in the developed world; sustainability indicators for drinking water treatment; life cycle assessment of drinking water technologies; and novel approaches to evaluation of the sustainability of drinking water technologies.

Presenters are required to submit a short abstract to the ACS by **October 20, 2008**, using the ACS online system (OASYS) at <http://oasys.acs.org/>. This division also requires an extended abstract of two or more pages that must be submitted via OASYS using the instructions posted on the web at <http://envirofacs.org>.

In addition, a symposium book is being planned, for which each author will need to submit a completed manuscript by March 27, 2009.

Symposium Organizers:

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