

CALL FOR PAPERS
International Conference on
Nutrient Recovery from Wastewater Streams
May 10-13, 2009 - Vancouver, British Columbia, Canada

Closing the loop for nutrients in wastewaters (municipal sewage, animal wastes, food industry, commercial and other liquid waste streams) is a necessary, sustainable development objective, to reduce resource consumption and greenhouse gas emissions. Chemistry, engineering and process integration understanding are all developing quickly and new processes are already coming online. A new “paradigm” is emerging, globally. Commercial marketing of recovered nutrients as “green” fertilizers, or recycling of nutrients through biomass production to new outlets such as bio-fuels, is starting to happen.

This conference will bring together the various waste stream industries, regulators, researchers, R/D and process engineers and commercial managers, to develop intersectorial understanding and joint projects for phosphorus and nitrogen recovery and reuse from waste waters.

Abstracts are solicited in particular in the following areas:

- Phosphorus and nitrogen recovery from different wastewater sources
- Process design and plant integration
- Marketing and use of recovered nutrient products
- Struvite, K- Struvite and calcium phosphate precipitation
- Ion exchange nutrient recovery processes
- P-recovery from biosolids incineration ashes
- Leading-edge research and innovative technology

In addition, there will be an Open Session, devoted to “new thinking” for this emerging paradigm, in concert with an expert panel discussion. Dr. James L. Barnard (2007 Clarke Prize) will be the Keynote Speaker and will address the audience during the Plenary Session, on the opening day of the conference.

The Conference Programme will also offer visits to phosphorus recovery installations (Ostara/UBC struvite recovery process) recently commissioned in municipal sewage works in Edmonton, Alberta.

ABSTRACT DEADLINE: April 4, 2008.

Please send abstract submissions to
(2-page single-spaced maximum, with additional 2 pages of tables or figures):
Venue West Conference Services Ltd.
Conference Secretariat – Nutrient Recovery, 2009
#100-873 Beatty Street - Vancouver, B.C. - V6B 2M6 - Canada
Fax: 604 681-2503 - E-mail: mmori@venuewest.com

This conference is hosted by the Department of Civil Engineering of the University of British Columbia (UBC) and chaired by Dr. D.S. Mavinic, Professor of Civil and Environmental Engineering, UBC. Sponsors include:

- The University of British Columbia (UBC) <http://www.civil.ubc.ca/pcwm/>
- Global Phosphate Forum www.phosphate-forum.org
- The Chartered Institution of Water and Environmental Management (CIWEM) www.ciwem.org
- Ostara Research Foundation (ORF) www.ostara.com

