CALL FOR PAPERS

OCCURRENCE, FORMATION, HEALTH EFFECTS AND CONTROL OF DISINFECTION BY-PRODUCTS

At 248th ACS National Meeting & Exposition
San Francisco, CA
August 10-14, 2014
Abstract Deadline: March 10, 2014

Since their first discovery in the early 1970s, disinfection by-products (DBPs) have become one of the major driving forces of drinking water regulations, research and water utility operations. The list of DBPs that can occur in treated drinking waters has grown from a few trihalomethanes to a long list of halogenated and non-halogenated organic or inorganic compounds. This list is expected to continue to grow as the analytical techniques are improved, as more information on their toxicity is developed, and as more occurrence studies are conducted.

Due to both regulatory and practical significance, it has been a tradition to periodically organize a DBP session at the ACS meetings to exchange the state-of-the-art research findings on DBPs. This tradition started with the “Water Chlorination Conferences” organized by Dr. Robert L. Jolley. The last DBP meeting was held in 2007 at the 233rd ACS National Meeting in Chicago, Illinois.

The main purpose of this symposium is to exchange the current DBP research findings. Papers on issues related to occurrence, analytical methods, precursor identification, isolation and characterization, DBP formation chemistry from different oxidants, mechanistic modeling, health effects, toxicity screening methods, DBP control and removal, including precursor control techniques, DBP stability and transformation in water distribution systems, emerging DBPs, contribution of wastewaters to DBP formation, and DBPs in swimming pools are invited.

As for the past DBP symposiums, one of the goals is also to publish selected papers from this symposium in a peer-reviewed book format.

Please submit your abstracts using the ACS Abstract Submission System (PACS) (http://abstracts.acs.org). Any other inquiries should be directed to the symposium organizers:

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