

CALL FOR PAPERS

Symposium on Policies for Promoting Sustainable Chemistry

239th ACS National Meeting & Exposition
March 21-25, 2010, San Francisco

The concept of sustainability has penetrated many areas of science and engineering, and chemistry is no exception. Indeed, chemistry is the core discipline that, to a large degree, will determine mankind's ability to provide safe drinking water, nutritious food and renewable energy to a continuously increasing world population. Sustainable chemistry implies the responsible use of raw materials, energy and natural resources, a design that takes into consideration the whole lifecycle of the chemical produced, an emphasis on risk minimization and precaution, and the goal to provide needed chemical services or functions with no or minimal adverse impacts on the environment and human health.

In recent years, driven by developments in green chemistry, green engineering, and earth systems engineering, a number of new principles and strategies have been devised which have the potential to propel society forward on a trajectory toward a more sustainable chemical future.

This symposium aims to define how recent research results can be translated into actionable policies for promoting sustainable chemistry. Platform and poster presentations are invited from representatives from industry, regulatory agencies, academia, as well as from individuals, groups or agencies concerned with sustainability. Contributors are encouraged to include case studies and decision scenarios to illustrate the benefits and limitations of proposed policy actions, to introduce metrics of success, and to define economical, infrastructural and behavioral hurdles that our society may face while progressing along the path to chemical sustainability.

Symposium Organizer

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