

Panel Discussion

Sustainable Water Reuse and Storage: Issues and Trends

Environmental and Geochemical Aspects of Sustainable Water Reuse
Environmental Chemistry Division
241th American Chemical Society (ACS) National Meeting,
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Panelists:

Dr. Chris Impellitteri, Office of Research and Development, USEPA

Dr. Jeffrey Yang, Office of Research and Development, USEPA

Dr. Michael R. Hoffmann, Environmental Science and Engineering, California Institute of Technology

Abstract:

This panel session will discuss trends and research subjects pertinent to sustainable water reuse, and will highlight areas for breakthrough where federal agencies such as the EPA and research communities can coordinate their efforts. The preceding presentations in the regular session should have laid a background for this extended discussion. It will start with panel presentation on current EPA research programs of sustainable water reuse and storage, as well as implications for related regulatory programs. The main phase of the panel discussion is then structured for free exchange of ideas among audience and panel members. We will focus on 1) what environmental and geochemical concerns impede wider water reuse and storage applications; 2) how water reuse enhances sustainable water resource management in adaptation to climate changes and socioeconomic developments; and importantly 3) how we can overcome the potential shortage of water resources, whether by incremental technical improvement or through paradigm shifting.

The main phase of the panel discussion will consist of the free exchange of ideas among audience and panel members.