



Special Issue on Membrane Water Treatment

Call for Papers

A water filter removes impurities from water by means of a fine physical barrier, a chemical process or a biological process. Filters cleanse water to different extents for purposes like irrigation, drinking water, aquariums, and swimming pools. In the 1800s, mechanical filtration was an industrial process that depended on the addition of aluminum sulfate prior to the filtration process. The filtration rate for mechanical filtration was typically more than 60 times faster than slow sand filters, thus requiring significantly less land area. The first modern mechanical filtration plant in the U.S. was built at Little Falls, New Jersey for the East Jersey Water Company. George W. Fuller designed and supervised the construction of the plant which went into operation in 1902. In 1924, John R. Baylis developed a fixed grid backwash assist system which consisted of pipes with nozzles that injected jets of water into the filter material during expansion. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Membrane Water Treatment**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Membrane Water Treatment**. In this special issue, potential topics include, but are not limited to:

- NF membranes in water technology
- Ultrafiltration membrane water treatment technology
- Reverse osmosis water treatment technology
- Advanced membranes for water treatment
- Ultra-Thin membranes for water purification
- Membranes technology for sea water desalination

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly note that the “**Special Issue**” under your manuscript title should be specified and the research field “**Special Issue - Membrane Water Treatment**” should be selected during your submission.

Also please note the following timetable:

Submission Deadline	January 30th, 2014
Publication Date	March 2014



Scientific Research
Open Access

**Journal of Water Resource and
Protection**

ISSN Online: 1945-3108

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