

Special Issue on Impacts of Freshwater Alterations on Estuarine and Coastal Systems

Call for Papers

Freshwater inflow is one of the most influential landscape processes affecting community structure and function in lagoons, estuaries, and deltas of the world; never-theless there are few reviews of coastal impacts associated with altered freshwater inputs. Studies in the Gulf of Mexico were used to exemplify problems commonly encountered by coastal zone managers and scientists around the world. Landscape alteration, impacting the timing and volume of freshwater inflow, was found to be the most common stress on estuarine systems. Poorly planned upstream landscape alterations can impact wetland and open-water salinity patterns, nutrients, sediment fertility, bottom topography, dissolved oxygen, and concentrations of xenobiotics. These, in turn, influence productivity, structure, and behavior of coastal plant and animal populations. Common biogeochemical impacts include excessive stratification, eutrophication, sediment deprivation, hypoxia, and contamination. Common biological impacts include reduction in livable habitats, promotion of "exotic" species, and decreased diversity.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Impacts of Freshwater Alterations on Estuarine and Coastal Systems**.

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

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue-Impacts of Freshwater Alterations on Estuarine and Coastal Systems**" should be chosen during your submission.

According to the following timetable:

Manuscript Due	January 30th, 2013
Publication Date	March, 2013

Editors-in-Chief

Prof. **Jian Shen**, College of William and Mary, USA

Prof. **Ni-Bin Chang**, University of Central Florida, USA

For further questions or inquiries

Please contact Editorial Assistant at

jwarp@scirp.org

