

Call for Papers Special Issue

A Special Issue for the journal *Environmental Fluid Mechanics* on **Environmental Buoyancy-Driven Flows** is being edited by Prof. Claudia Adduce and Dr. Mário Franca. Buoyancy-Driven Flows occur both in the atmosphere and oceans and are responsible and determinant for such processes as the transport of pollutants and sediments, temperature balances, transport of nutrients and biological quantities and re-oxygenation of water bodies.

The Special Issue will include a collection of research papers on environmental flows where the driving force is the buoyancy and where the difference in density is due to particles in suspensions, temperature and salinity differences or species. Works on flows in riverine, estuarine or maritime environments will be considered spanning from fundamental to applied research. The manuscripts should contain new research findings, including new concepts or theories, development of innovative experimental or numerical methods, and novel applications of existing methods and models. All submitted papers will undergo a rigorous peer-review. In Editorial Manager, new paper submissions should be made under the special issue article type: 'Environmental Buoyancy-Driven Flows' before 1 June 2016.



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