Special Issue

Lagrangian Transport in Geophysical Fluid Flows

Message from the Guest Editors

Many questions in oceanography, meteorology, and related disciplines involve, in an unavoidable way, transport—transport of mass, properties, biogeochemical tracers, pollutants, or biological organisms. A Lagrangian perspective, where one tracks individual parcels, presents a natural framework for characterizing transport pathways, barriers, and associated exchanges. The aim of this Special Issue is to assemble a variety of articles to develop a deeper understanding of the Lagrangian transport and exchange processes in geophysical fluid flows. We welcome all contributions, ranging from theoretical advancements to numerical modeling and analysis of observational datasets; from idealized problems to realistic flows; and from submeso-scales to global scales.

Guest Editors

Dr. Irina Rypina

Physical Oceanography Department, Woods Hole Oceanographic Institution, 266 Woods Hole Rd., Woods Hole, MA 02543, USA

Dr. Michael Allshouse

Department of Mechanical and Industrial Engineering, Northeastern University, Boston, MA 02115, USA

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Fluids
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fluids@mdpi.com

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Fluids (ISSN 2311-5521) is an international journal on all aspects of fluids in open access format: research articles, reviews and other contents are released on the internet immediately after acceptance. You are invited to contribute a research article or a comprehensive review for consideration and publication in *Fluids*. The scientific community and the general public have unlimited free access to the content as soon as it is published. Please consider *Fluids* as an exceptional, exciting enterprise ready to reward your trust, attention, and active participation.

Editor-in-Chief

Prof. Dr. D. Andrew S. Rees
Department of Mechanical Engineering, University of Bath, Bath BA2 7AY, UK

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