Special Issue

Impact of Global Ocean Flux Product, J-OFURO3

Message from the Guest Editor

Ocean fluxes through the sea surface, such as momentum, heat, and freshwater, are key factors when it comes to understanding the air–sea interaction mechanism in oceanic and atmospheric studies. Global products of ocean surface fluxes have been developed via other data sources and/or procedures such as atmospheric re-analyses (ERA, NCEP, JRA) and blends of re-analysis data and satellite observations (CORE, CCMP). This Special Issue is focused on the impacts of global ocean flux products which are typically characterized by J-OFURO3. Some of the potential topics include:

- Validations of different products based on satellite observations, numerical re-analyses, and their blend via comparisons with in situ measurements and their intercomparisons;
- Uncertainties of some parameters used in derivations of surface fluxes and their problems;
- Variabilities of surface fluxes for various time scales from synoptic to interannual ranges;
- Usefulness of surface fluxes as driving forces of OGCM simulations.

Guest Editor

Dr. Kunio Kutsuwada
School of Marine Science and Technology, Tokai University, Hiratsuka, Japan

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

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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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