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Sea Surface Salinity Remote Sensing

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Deadline for manuscript submissions:
closed (30 November 2018)

Message from the Guest Editors

Dear Colleagues,

Sea Surface salinity (SSS) is an essential climate variable. It is a key component of the water cycle, as a tracer of the water cycle and key driver of the oceanic circulation. SSS in the open ocean has been monitored from space since 2010 by ESA's SMOS and NASA/CONAE's Aquarius/SAC-D missions, and more recently by NASA's SMAP mission. The purpose of this special issue is to gather contributions highlighting ongoing research related to remote sensing of sea surface salinity from spaceborne or airborne sensors, as well as combined use of satellite SSS with other observations (e.g. altimeter, Sea Surface Temperature, ...). In situ or laboratory measurements in support of improving forward models and retrieval algorithms are also welcome. Applied and theoretical research contributions concerning the multiple aspects of remote sensing of sea surface salinity will be considered.

Dr. Emmanuel Phillippe Dinnat
Dr. Xiaobin Yin
Guest Editors

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Message from the Editor-in-Chief

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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