



Sea Surface Salinity Remote Sensing

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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.

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Guest Editors





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