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Advances in Satellite Altimetry and Its Application

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Deadline for manuscript submissions:
closed (31 August 2019)

Message from the Guest Editors

Dear Colleagues,

Satellite altimetry missions enabled coastal altimetry with observations as close as a few hundred meters off the coast. In addition, satellite altimetry allows for monitoring of water level variations of inland water bodies as well as height variations of sea ice, ice sheets and mountain glaciers. Geodetic applications such as gravity field modeling, unification of height systems and monitoring of vertical land motion are other examples of the wide range of altimetry applications.

In this Special Issue, we invite researchers from all disciplines to submit manuscripts presenting recent advances in the field of radar and laser altimetry, including new and future altimetry missions (e.g., ICESat-2 and SWOT) and their applications. We further encourage review manuscripts exploiting the historic altimetry records and their applications in spatio-temporal monitoring of Earth systems on all scales.

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Prof. Alexander Braun
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Message from the Editorial Board

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