



Stochastic Modelling and Statistical Methods in Earth and Environmental Sciences

Guest Editor:

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Deadline for manuscript submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Earth and Environmental Sciences are an increasingly important interdisciplinary area of study in the development of new and effective strategies for mitigation of natural and anthropogenic hazards as well as to support decision-making in an uncertain and complex world. Statisticians are called to face new challenges associated with *complex and heterogeneous data*, by taking advantage of available *statistical and computing techniques* as well as by defining appropriate stochastic models, capable of exploiting the *physical knowledge* on phenomena, for predictions and decisions.

This Special Issue welcomes original papers and critical reviews that contribute new knowledge to help address issues related to earth and environmental problems at a regional or global scale. In an interdisciplinary context, it covers practical *applications of stochastic models and their simulations* in the Earth and Environmental Sciences as well as *methodological advances in applied and computational statistics*.





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Message from the Editor-in-Chief

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