

Preface to the Vol.13, No. 2, 2018, “Sun and Geosphere”

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**Special Issue devoted to
‘The Decade after the International Heliophysical Year 2007’,
Boston College, Boston, US, July 31÷ August 4, 2017**

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December 2018

The International Heliophysical Year 2007 (IHY) was the culmination of a series of workshops and related activities that drew scientists and engineers from around the globe to make coordinated observations to study the heliosphere and its effects on planet Earth. Building on these activities, the United Nations Committee on the Peaceful Uses of Outer Space (UNCOPUOS) launched the International Space Weather Initiative (ISWI) in 2009. Even though the ISWI was formally concluded as an agenda item of the UNCOPUOS in 2012, its activities continue within the Scientific and Technical Subcommittee (STSC) of the UNCOPUOS, under a new permanent agenda item on Space Weather and the newly established Expert Group on Space Weather. To continue the success of the IHY, the ISWI has been a program of international cooperation to advance space weather science by a combination of ground-based instrument deployment, analysis and interpretation of space weather data from these instruments in conjunction with space-based data, capacity building, and the communication of the results to the public. The 10th anniversary of the IHY was celebrated at the United Nations/United States of America Workshop on the International Space Weather Initiative: The Decade after the International Heliophysical Year 2007, which was held at Boston College, Boston, Massachusetts, USA, on July 31-August 4, 2017. Subsequently, there was a Call for Papers to invite the broader ISWI community to submit contributions to the present special issue of the Sun and Geosphere. All the submitted papers have gone through rigorous peer-review process with two and in a few cases three independent expert reviewers. It is our hope that the special issue can be a good resource that can provide quality information rather than just a superficial recording on a broad spectrum of subjects.

Sun and Geosphere Guest Editors:

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