



GNSS, Space Weather and TEC Special Features

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Message from the Guest Editors

Dear Colleagues,

In the domain of electronic navigation, satellite navigation (GNSS) is one of the most important complex systems of today. GNSS is a key infrastructure to support the development and improvement of power grid systems, banking operations, global transportation systems, and global communication systems. A part of the research segment related to GNSS technologies is also the vertical TEC distribution and anomalies related to earthquakes and volcanic eruptions on Earth. There are many challenges that need to be addressed, because they affect reliability, accuracy, and all other essential parameters of the GNSS systems.

This Special Issue seeks to answer some of these issues by publishing manuscripts which study GNSS risk assessment, different effects of space weather disturbances on the operation of the GNSS systems, study of environmental impacts on the operation of GNSS systems, GNSS positioning error budget, TEC special features in volcano eruptions, and similar topics.





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Message from the Editor-in-Chief

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