Special Session on "Atmopheric Studies using Global Navigation Satellite System Data"

Session Chairs

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Session Description

The applications of Global Navigation Satellite System (GNSS) have increased drastically to the point where it is considered indispensable in military, civilian navigation, industries and scientific research, providing safety and convenience to the users of all nationalities. The market is flooded with a wide range of GNSS products catering to the requirements and budgets of the users. The communication between satellite and receiver passes through the layers of the atmosphere undergoing multiple fluctuations along the way. Spatial and temporal gradients in the atmosphere are considered as threats to GNSS.

This session is aimed to present the papers related to the areas of GNSS, Tropospheric studies, Ionospheric disturbances and prediction of weather and natural calamities.

This special session is aimed to cover the following topics (but not limited to) :

- GNSS Observations
- Data Assimilation and Earth Information
- Error Detection
- Error Correction
- Prediction of Earthquakes, Volcanic Eruptions, Nuclear Explosion, etc
- Science and Engineering Issues of Earth System

Instructions for Paper Submission Process

Please submit your paper (in word format) via Conference Easy chair submission system and also send the paper to swapna.karnam1@gmail.com, with "Atmopheric Studies using Global Navigation Satellite System Data" by mentioning in the subject line the Paper Title and PaperID generated in easy chair submission system.