Special Issue

Airborne Electromagnetic Surveys

Message from the Guest Editors

Airborne geophysical devices are being increasingly applied to quickly investigate large areas of subsurface at relatively low costs. From the most common airborne methods currently used, airborne electromagnetics (AEM) contributes most to high-resolution spatial subsurface investigations. AEM links areal remote sensing applications with local in-situ measurements. As the principal parameter investigated, the electrical conductivity, depends on various sources such as pore water salinity, clay content, or metals, AEM can be used for groundwater, soil, or mineral exploration studies. We are interested in receiving high quality submissions that use large-scale AEM surveys to study the subsurface conductivity distribution and further applications derived from AEM results. In particular, we are looking for contributions that combine multiple parameters to investigate the near surface. We are also interested in receiving submissions that use modern interpretation techniques such as cluster analyses and neuronal networks or further machine learning applications.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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