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Advances in CubeSats for Earth Observation

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Message from the Guest Editors

Since the creation of the standard in 1999, CubeSats have represented a valid instrument for engineers and researchers to experiment and implement space missions. Contrarily to the so called "traditional" satellites, which with the advancement of technology tend to become smaller and yet more performant, CubeSats from their birth had to deal with the challenges of miniaturization, growing from the 1U form factor (i.e., a 10 × 10 × 10 cm cube), which was widely used in the early times of this standard, to a 3U form factor very common up to a few years ago where nowadays the most used are 6U, 8U, 12U and even 16U. This rapid growth shows the maturity potential which has led CubeSats to evolve from being an instrument for educational purposes, typical of the 1U factor at the early stage of this standard, to more advanced applications, capable of de-risking technologies for larger spacecraft or delivering high value data products.

Papers related to CubeSat advances in Earth Observation instrument technology, enabling technologies, new remote sensing techniques, and advances in applications in remote sensing are welcome.

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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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