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Road Extraction and Distress Assessment by Spaceborne, Airborne and Terrestrial Platforms

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Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

As known, road maintenance has a deep impact on authorities' financial plans. Currently, to reach standard safety conditions, numerous PMS systems and indicators are used for pavement assessment such as the Pavement Condition Index, or the Structure Index but, both don't allow a rapid synoptic pavement investigation for large road networks. Moreover, due to their need to be calculated from in situ surveys, the acquisition of such indices is expensive and time consuming. Hence, in the last decade the advancement of automated or semi-automated procedures is stimulated for pavement distress detection and analysis. Here because, a great interest has grown-up in the scientific community to the adoption of remote sensed non-invasive techniques in several experimental settings.

The aim of this special issue is to collect research or review papers focusing on innovative and multidisciplinary approaches on road extraction or distress assessment using spaceborne, aerial and terrestrial platforms in different experimental surroundings. Additionally, papers focusing on new field approaches related to spectroscopy, photogrammetry, LIDAR, etc. are also 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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