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Remote Sensing in Viticulture

Guest Editors:

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Deadline for manuscript submissions:
closed (30 April 2020)

Message from the Guest Editors

During the last decade, remote sensing techniques in viticulture have combined and fused gradually more and more data from proximal field sensors and in situ canopy, grape, and soil observations.

This Special Issue is dedicated, but not limited to, the recent advances in remote sensing for viticulture and invites submissions on the following topics:

- vine vegetation monitoring from UAVs, airborne, and satellite multitemporal data;
- management zones delineation at several spatial scales;
- actual and retrospective terroir spatial characterization;
- assessment and mapping of viticultural soil properties;
- remote sensing of viticultural practices and agroforestry viticultural systems;
- computer vision and machine learning techniques for viticulture;
- precision viticulture and precision harvesting methods;
- advances in tractors, machinery, and geospatial information exploitation in viticulture;
- water stress, nutrition deficiency, weed estimation and mapping.

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Editor-in-Chief

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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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