



## Modeling, Control, and Applications of Field Robotics

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Deadline for manuscript  
submissions:

**closed (30 November 2020)**

### Message from the Guest Editors

This Special Issue focuses on design, modeling, and control techniques for field robotics and possible applications of those results to give a large and complete view of complex research issues. Submissions to this Special Issue are solicited to represent a snapshot of the field's development by covering a range of topics that include but are not limited to new methods, algorithms, solutions, and applications in the following areas:

- Design of robotic systems for challenging field applications
- Novel perceptions of field robots including passive and active methods
- Mobile manipulators for active sensing and sampling
- Long-term autonomy and navigation in unstructured environments
- Data analytics and real-time decision making
- Low-cost sensing and algorithms for full-day operations
- Human user interfaces
- Multi-robot coordination
- Sensor networks
- Large-scale mapping
- Field robotics applications: agriculture, construction, mining, forestry, urban, underwater, military, space, and etc





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## Editor-in-Chief

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## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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