Special Issue

Advances in Forest Fire and Other Detection Systems

Message from the Guest Editors

Dear colleagues, Forest fires are sudden and random, spreading rapidly. The existing fire monitoring system has many defects, such as poor information capture ability, low sensitivity, poor positioning ability, etc., which makes providing effective warning difficult. Therefore, it is necessary to strengthen the research on forest fire monitoring systems. This Special Issue is aimed at providing an optimal contribution for improving the information capture capability of fire control systems, enhancing the sensitivity of fire control systems, and increasing the accuracy of fire control system positioning. Possible topics include, but are not limited to:

- Laser infrared technology and out-of-line-of-sight monitoring technology;
- Visible light smoke and fire recognition processing and intellectualization;
- Early warning of temperature measurement using remote thermal imaging;
- The accuracy of a fire-protection system's positioning;
- Satellite tour forest fire monitoring;
- Forest aviation patrol.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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