Advances in Forest Fire and Other Detection Systems

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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.

Special Issue

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Message from the Editorial Board

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