Special Issue

Advances in Fire Prevention and Control for Power Grids

Message from the Guest Editors

In recent years, as the expansion of power grids has continued apace, fire disasters caused by power grids have become increasingly frequent worldwide. In this Special Issue, we welcome original research articles, case studies, and review papers covering a broad range of topics related to fire prevention and control for power grids. Research areas may include (but are not limited to) the following topics:

- Analysis of the causes of fire disasters for power grids;
- Monitoring and early warning of wildfires;
- Risk assessment of wildfires for power grids;
- Assessment of power system resilience under wildfire disasters;
- Breakdown mechanism and characteristics of air gaps under fire conditions;
- Electrical equipment fire accidents;
- Image recognition of fires;
- Fire prevention measures for power grids;
- Emergency disposal measures for fires in power grids.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Fire is an international open-access journal about the science, policy, and technology of fires and how they interact with communities and the environment. *Fire* seeks to provide a forum to help the fire science community convey how we can live with fire in a changing world. *Fire* seeks submissions from interdisciplinary studies that take a pyrogeography perspective of fires occurring in natural, cultural, and industrial landscapes and how they interact with communities in the science-policy interface. *Fire*'s Editorial Board are widely recognized international leaders. The journal emphasizes quality and innovation and has a rigorous peer-review process. I strongly recommend *Fire* for the rapid publication of your innovative research publications and case studies.

Editor-in-Chief

Dr. Grant Williamson
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