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Advances in Fire Prevention and Control for Power Grids

Guest Editors:

Dr. Shengwen Shu
College of Electrical Engineering and Automation, Fuzhou University, Fuzhou 350108, China

Dr. Zhibin Qiu
Department of Energy and Electrical Engineering, School of Information Engineering, Nanchang University, Nanchang 330031, China

Dr. Ziheng Pu
College of Electrical Engineering & New Energy, China Three Gorges University, Yichang 443002, China

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Message from the Guest Editors

Dear Colleagues,

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.