Special Issue

Advance in Fire Safety Science

Message from the Guest Editor

Wildfire is both a natural and anthropogenic disturbance influencing the distribution, structure, and functioning of terrestrial ecosystems around the world. Wildfire plays a significant role in plant evolution and animal inhabitation. The ecological effect of products, such as heat, VOCs, smoke, ash, etc., generated by wildfire remains unclear. As is known, the atmospheric impact can be determined by the heat, soot, and particulate matters. Although ash is beneficial to the soil quality, the heavy metals and PAHs released during fires are detrimental to ecology. Therefore, the comprehensive study of wildfire ecology needs to draw great attention. We welcome submissions on topics that include a broad range of research on the ecological relationships of wildfire to its environment and health, including, but not limited to:

- Fire ecology (physical and biological fire effects, fire regimes, etc.);
- Fire management;
- Fire science and modeling;
- Planning and risk management;
- Fire monitoring;
- Risk assessment.

I look forward to receiving your contributions. Dr. Yanyan Liu

Guest Editor

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Message from the Editor-in-Chief

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