Special Issue

Fire and Explosions Risk in Industrial Processes

Message from the Guest Editors

The global challenge constituted by fire and its effect on the human environment is still present although technologies and progress in protection and mitigation are improving. Industrial structures and facilities are more prone to fire and explosion risk, especially chemical plants. The advance in progress and the rise of emerging technologies, energy infrastructures, is critical. Sustainable processes and materials could mislead fire and explosion risk assessment with the paradigm “greener means safer” and “safer means greener”. Research may include the followings:

- Manufacturing plant fire causes, mitigation and protection;
- Fire risk assessment study for emerging energy storage systems;
- Industrial fire effects on surrounding human environment;
- Traditional industry emerging fire and explosion risks due to new technologies, new materials, external events, change in safety management, proximity with high-density population areas;
- Industrial fire and explosion case studies and investigations.

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

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