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## Fire and Explosions Risk in Industrial Processes

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### Message from the Guest Editors

Dear Colleagues,

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.

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**Special Issue**

