



Recent Advances in Solid Fuel Conversion Technologies

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Message from the Guest Editors

With growing concerns in environmental protection and global warming, there is an increased interest in advanced coal combustion technologies with low pollutant emissions (NO_x, particulate matter, etc.), oxy-fuel coal combustion, the chemical looping combustion of coal, as well as advanced coal gasification technologies.

This Special Issue focuses on recent advances in both experimental and numerical investigations of solid fuel conversion technologies, inviting original research papers as well as literature reviews. The topics of interest for this Special Issue include (but are not limited to):

- Coal combustion and biomass combustion;
- Low pollutant emissions;
- Advanced fuel conversion technologies (oxy-fuel combustion, chemical looping combustion, gasification, etc.);
- Experimental and modelling of solid fuel conversion processes;
- Lab-scale, pilot-scale, and full-scale (industrial) investigations;
- Flame stability and radiation heat transfer;
- Slagging, fouling, and corrosion.





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Message from the Editor-in-Chief

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