



## Sorption-Enhanced Processes in Fluidized Bed Systems

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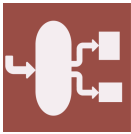
### Message from the Guest Editors

Sorption-enhanced (SE) processes can be performed in different types of reactors, such as fixed beds and membrane reactors, but fluidized bed reactors appear to provide some inherent advantages compared to the others. In fact, efficient heat management and easy solid particle circulation allow for safe steady operation and continuous sorbent regeneration in dual fluidized bed systems.

This Special Issue is focused on SE processes in fluidized bed systems. Papers dealing with the following topics are welcome:

- Experimental and modeling studies on new SE concepts;
- Studies on conventional SE concepts focused on novel aspects;
- Novel conventional or bi-functional sorbents for fluidized bed SE processes;
- Novel fluidized bed reactors for SE processes;
- Process, techno-economic and environmental performance analysis of SE processes.





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