



## Ionic Liquids for Carbon Dioxide Capture

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Deadline for manuscript  
submissions:

**closed (30 November 2023)**

### Message from the Guest Editors

This Special Issue invites researchers and industrial developers to publish work related to the adsorption, capture and separation of CO<sub>2</sub>, including direct air capture (DAC). Emphasis will be on industrial CO<sub>2</sub> sources and real-life systems. Submissions are welcome on topics including, but not limited to, the following:

- 1 Development of new task-specific ionic liquids;
- 2 Application of ionic liquids in industrial/pilot plants;
- 3 Supported ionic liquids/polymeric ionic liquids as absorbent materials;
- 4 Supported ionic liquid membranes;
- 5 New theoretical models of industrial plants using ionic liquids.

