

Special Issue

Methane Reforming Processes

Message from the Guest Editors

Methane reforming has recently received renewed attention, both academically and industrially. Biogas-biomethane plants (e.g., processing municipal or agri-food wastes and crops) are spreading in several countries. Cheap non-renewable natural gas is increasingly available, and this is relevant since the coupling of fossil fuels conversion with carbon capture technologies is an affordable method to switch towards a sustainable economy. This Special Issue on “Methane Reforming Processes” aims to curate advances in the abovementioned applications and similar, and to address longstanding challenges in reducing their greenhouse gas emissions and energy expenditure. Topics include, but are not limited to:

- New system design;
- Integration with innovative technologies;
- Energy optimization and revamping plants;
- Feasibility studies;
- Catalysts and sorption materials;
- Reviews

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