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High Efficiency Processes for Gas Separation & Purification

Guest Editors:

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Dr. Teerawat Sema

Deadline for manuscript submissions:
closed (7 June 2022)

Message from the Guest Editors

Dear Colleagues,

High Efficiency Processes for Gas Separation & Purification is currently a very important research area. In particular, the separation of CO2 is gaining a great attention currently. This dues to its releases into the atmosphere creating the climate change and global warming problems. However, the captured carbon dioxide can be used directly in Enhanced Oil Recovery (EOR) techniques for the purpose of sustaining the current production of crude oil, which is a major energy source for many parts of the world. Currently, the project has sequested for more than 35 million tons of CO2 since 2000, considered the largest CCUS project in the world.

With a great important and need by the industry, a number of frontier research programs and projects have been developing worldwide. We therefore invite the submission on the disruptive technology development of High Efficiency Processes for Gas Separation & Purification. Technical reports, demonstration assessments, reviews, research articles, and communications in multidisciplinary relevant topics are welcome in this special issue.

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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