

Special Issue

Algal Biotechnology and Biofuels

Message from the Guest Editor

Algae, both macro (seaweed) and micro (phytoplankton), have been a focus for sustainable biofuels research for several years due to their fast growth and cultivation systems that do not compete with agriculture for land and scarce potable water. The challenges of producing energy in an energy-positive and economical manner have led to increasing research on the exploitation of algal biotechnology for a broader range of products in what has been termed an algal biorefinery. However, algae remain an underutilised resource. This Special Edition of *Energies* titled “Algal Biotechnology and Biofuels” is seeking novel research on the exploitation of algae for fuel and other products, and work on overcoming some of the process challenges and algal biorefining is of special interest. **Keywords:** algae; seaweed; biofuel; biogas; biorefinery; anaerobic digestion; fermentation, gasification; pyrolysis; packaging; nutraceuticals; pharmaceuticals; energy balance; ensilage

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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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