



Environmental Applications of Bioenergy and Biomass, 2nd Edition

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Message from the Guest Editors

Dear Colleagues,

It is time to take responsibility and action as individuals and as a society for the severe impacts caused by our rising demand for electricity, heat, cooling, and transportation fuels. The scientific community must come together and investigate the most efficient technologies, applications, and pathways that can be used to suppress our energetic needs. Such research can promote the development of cost-effective applications that will bring about energy security, reduce fossil fuel depletion, and reduce the environmental impacts caused by fossil fuels.

This Special Issue intends to address the gaps and challenges that affect the bioenergy production chain, all the way from the type and source of biomass resources to the production process, products, and final end uses. All types of original submissions are welcome.

- unprocessed biomass
- non-food crops
- aquatic feedstocks
- genetically modified organisms
- heat and power
- combustion
- torrefaction
- gasification
- pyrolysis
- carbonization
- anaerobic digestion





energies



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Message from the Editor-in-Chief

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