



## **Biodiesel and Biolubricant: Production, Sources and Environmental Impact**

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### **Message from the Guest Editor**

Dear Colleagues:

Biodiesel and biolubricants are widely used in industrial production respectively. In the energy field, biodiesel, as a renewable fuel with high oxygen content, has the advantages of improving the combustion process, reducing soot and sediment, and is a more sustainable and environmentally friendly fuel alternative. Compared with traditional lubricants, biolubricants have the advantages of being degradable and less polluting, which can effectively reduce the emission of atmospheric pollutants and greenhouse gases. Biodiesel is used in transportation, power generation, heating, agricultural machinery and other fields. Biolubricants can replace traditional lubricants in engine oil, hydraulic oil, compressor oil, gear oil, grease and other industrial applications.

This special issue focuses on the precursors, production preparation, chemical/biological decomposition, energy generation and consumption, and effects on the environment of biodiesel and biolubricants. We hope to collect and organize research in related directions and bring cutting-edge research and insights to scholars and readers.





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