

Editorial

Special Issue: Aviation Alternative Fuels

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The investigation of aviation alternative fuels has increased significantly in recent years in an effort to reduce the environment and climate impact by aviation industry. Special requirements have to be met for qualifying as a suitable aviation fuel. The fuel has to be high in energy content per unit of mass and volume, thermally stable and avoiding freezing at low temperatures. There are also many other special requirements on viscosity, ignition properties and compatibility with the typical aviation materials. There are quite a few contending alternative fuels which can be derived from coal, natural gas and biomass.

As a result, much research efforts are required to realize the aircraft alternative fuel potentials. This Special Issue is dedicated to the various aspects of aviation alternative fuels.

Conflicts of Interest

The author declares no conflict of interest.

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