

Special Issue

Recent Progress in Green Propulsion Systems

Message from the Guest Editor

The objectives of green chemical propulsion development are primarily focused on creating more environmentally friendly and sustainable propulsion systems for various applications. In this Special Issue, we are focusing on the recent development of non-toxic propellants. In fact, traditional propulsion systems often use toxic or hazardous propellants. Green propulsion aims to develop propellants that are non-toxic, non-carcinogenic, and environmentally benign. This enhances safety during manufacturing, handling, and operation. This Special Issue aims to bring together the latest research and development in green propellants and green propulsion systems on the following topics: (1) Environmental challenges of conventional propellants; (2) Green propulsion technologies; (3) Performance and efficiency considerations; (4) Safety and handling; (5) Applications and use cases; (6) Regulatory and policy frameworks; (7) Challenges and future directions.

Guest Editor

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Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

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