

## Special Issue

# Advanced Air Mobility and Aviation: Energy Efficiency, Climate Change Mitigation, and Societal Impact

### Message from the Guest Editor

The advancement of Advanced Air Mobility (AAM) offers both opportunities and challenges in achieving sustainable aviation and enhancing regional and short-distance transportation. Innovative approaches are essential for improving energy efficiency in aviation, with technologies like electric propulsion and optimized aircraft designs reducing fuel use and emissions. The integration of alternative fuels, such as Sustainable Aviation Fuels and hydrogen, is key to decarbonizing air travel. This Special Issue in Sustainability addresses the interconnected challenges and solutions within both sustainable aviation and Advanced Air Mobility (AAM). By promoting interdisciplinary approaches and sharing best practices, we aim to advance a sustainable, environmentally friendly aviation industry that serves current and future generations. In this Special Issue, original research articles, concept papers and reviews are welcome. Research areas may include the following: Electric propulsion technologies and their scalability; Infrastructure needs for alternative fuel distribution and storage; Emission reduction strategies in commercial and regional aviation

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### Guest Editor

Dr. Martin Lindner

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### Deadline for manuscript submissions

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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## Editor-in-Chief

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