

Special Issue

Recent Research on UAM/AAM Aircraft and Systems: Modeling, Advanced Control, and Emerging Technologies

Message from the Guest Editors

With the emergence of electric propulsive technologies in the past decade, electric vertical takeoff and landing (eVTOL) aircraft gain increasing interest, which paves the path for urban air mobility (UAM) and advanced air mobility (AAM). The eVTOL is characterized by distributed electric propulsion, which enables it to have high safety redundancies and zero emission, thus providing access for convenient UAM/AAM. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Development of simulation models for UAM/AAM aircraft and systems.
- Development of energy management strategy and energy-optimal control methods for eVTOL agents driven by various types of energy supply units.
- Advanced and intelligent control law design facilitating future applications.
- Air traffic management strategy that maximizes the UAM/AAM system efficiency.
- Other innovative technologies and progress applied to UAM/AAM.

We look forward to receiving your contributions.

Guest Editors

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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. *Sustainability* publishes original research articles, review 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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