





an Open Access Journal by MDPI

Air Traffic Management (ATM) for the Sustainability and Environmental Performance of Aviation

Guest Editors:

Dr. Tao Li

Texas A&M Transportation Institute, College Station, TX 77843-3135, USA

Prof. Dr. Yanjun Wang

College of Civil Aviation, Nanjing University of Aeronautics and Astronautics, Nanjing 211106, China

Dr. Max Z. Li

Department of Aerospace Engineering, University of Michigan, Ann Arbor, MI 48109, USA

Deadline for manuscript submissions:

closed (31 March 2023)

Message from the Guest Editors

Dear Colleagues:

The aim of this Special Issue is to investigate how ATM should be adapted to improve the sustainability and environmental performance of aviation. In this SI, original research articles and reviews are welcome. Topics may include (but are not limited to) the following:

Studies that identify issues and challenges in the current ATM to achieve a sustainable and environment-friendly aviation system and propose potential solutions.

Metrics and methods to evaluate the impact of components of an ATM system on the sustainability and environmental performance of aviation activities or to establish a quantitative relationship between the two.

Application of new ATM technologies and equipment and/or innovative ATM procedures and processes to improve the sustainability and environmental performance of aviation

Design of ATM systems for new or future airspace users with the consideration of sustainability and environmental performance.

Other studies that focus on the non-ATM factors that have a significant dependency on the ATM or can lead to significant changes to the ATM are also welcomed.

We look forward to receiving your contributions.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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 sustainability related to 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 and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us