Sustainable Development of Air Transport Management and Airport Operations

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Message from the Guest Editors

Air travel and air transport industry have done an outstanding job connecting the world and fostering economic and social development. As the levels of economic development are pushing the limits of the environmental resources, there is a growing consensus that the air transport industry needs to become more sustainable from the environmental, social and economic perspectives.

The present Special Issue calls for theoretical, methodological, and empirical contributions on the topic of sustainability in air transport management and airport operations. Relevant topics include but are not limited to: environmental impact of air traffic (aircraft noise, aircraft emissions), air traffic management, flight delays analysis, environmental impact of airport operations (airport noise, airport emissions), airport performance and efficiency, and risk management in air transport and airport operations. The main methodological approaches expected are optimization, simulation, machine learning, econometric analysis and data envelopment analysis.

In this Special Issue, original research articles and reviews are welcome. We look forward to receiving your contributions.

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Special Issue

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Message from the Editor-in-Chief

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