## **Special Issue**

## Advances in Techniques for Aircraft Guidance and Control

## Message from the Guest Editors

In recent decades, significant progress has been made in the field of aircraft guidance and control. With the rapid development of technology, these methods and systems have led to the development of autonomous navigation and control systems with wide-ranging applications, particularly in areas such as underground exploration, search and rescue, and other critical tasks. These advancements have greatly improved safety, efficiency, and reliability, driving higher standards of performance and innovation in the industry. This Special Issue of *Applied Sciences* is dedicated to exploring the latest breakthroughs and innovations in aircraft guidance and control techniques. We invite high-quality research papers that address a wide range of topics, including multi-source autonomous navigation systems. autonomous flight control, human-machine interface, safety control, multi-sensor fusion, and collaborative localization for aircraft. Keywords

- robust autonomous control
- safety control
- multi-source autonomous navigation
- collaborative localization

### **Guest Editors**

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## Deadline for manuscript submissions

30 May 2026



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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## **Editor-in-Chief**

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