Special Issue

Sports Performance: Data Measurement, Analysis and Improvement

Message from the Guest Editors

This Special Issue, titled "Sports Performance: Data Measurement, Analysis and Improvement", will bring together innovative and high-quality research that addresses the challenges and opportunities in the measurement, analysis and improvement of sports performance. For this Special Issue, papers are invited that focus on the following research lines: Sport Performance Measurement:

- Development and validation of new tools and technologies for sports performance measurement;
- Non-invasive methods for the real-time monitoring of physiological and biomechanical parameters.

Data Analysis in Sport:

- Application of big data techniques and massive data analysis in sports performance;
- Studies of the impact of video analysis and tracking technologies on tactical and strategic analysis.

Sport Psychology and Cognitive Factors Innovations in Training and Performance Improvement:

- New approaches and methodologies in the design of training programmes;
- Impacts of technology on the personalisation and optimisation of sports training.

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Deadline for manuscript submissions

20 January 2026

About the Journal

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.

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