



Sports Fluid Mechanics

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Message from the Guest Editor

Dear Colleagues,

Recently, research studies on fluid mechanics of sports have been limited to sporting equipment, such as balls, and sporting events, such as swimming and ski jumping. However, given the recent trend in which a difference as small as 1/100 of a second can have a significant impact on the results of a competition, topics such as aerodynamics and hydrodynamics in sports have become main research interests in the fields of sport sciences, sport engineering, and sport technology. In addition, basic research in fluid mechanics and fluid engineering is often useful in improving sport performance and in providing a scientific approach to sport coaching.

We are inviting the submission of manuscripts to this Special Issue on “Sports Fluid Mechanics”. This Special Issue aims to cover sports fluid mechanics studies, including sports aerodynamics, sports hydrodynamics, and relevant sports sciences and technology. These important issues include but are not limited to the topics described in the keywords.

Prof. Dr. Takeshi Asai
Guest Editor





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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.

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