

Special Issue

UAV Assisted Wireless Communications

Message from the Guest Editors

Unmanned Aerial Vehicles (UAV), also known as drones, have seen recently an increasing interest in a wide range of domains due to the numerous advantages they present, in terms of mobility, flexibility, and easy deployment. With the challenges faced by communication networks to handle the growing demand and various services, UAVs represent an interesting solution to many problems, ranging from ensuring coverage in emergency situations and rural areas to network densification for highly dense areas. However, to be deployed, several challenges need to be addressed, such as limited energy, backhaul link, mobility and handover, etc. The scope of this Special Issue is to address the potential research areas in UAV-assisted communications. We seek the submission of high-quality, original and unpublished manuscripts within this scope. Assoc. Prof. Dr. Md. Jahangir Hossain

Guest Editors

Assoc. Prof. Dr. Md. Jahangir Hossain

Faculty of Applied Science, School of Engineering, The University of British Columbia, Vancouver, BC, Canada

Dr. Mahdi Ben Ghorbel

School of Engineering, The University of British Columbia, Vancouver, BC, Canada

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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