



Latest Developments, Methodologies and Applications Based on UAV Platforms

Guest Editors:

Prof. Dr. Francesco Nex

Faculty of Geo-Information
Science and Earth Observation
(ITC), University of Twente, P.O.
Box 217, 7500 AE Enschede, The
Netherlands

Prof. Dr. Fabio Remondino

3D Optical Metrology (3DOM)
Unit, Bruno Kessler Foundation
(FBK), 38123 Trento, Italy

Deadline for manuscript
submissions:

closed (31 July 2018)

Message from the Guest Editors

Dear Colleagues,

Using small Unmanned Aerial Vehicles (UAV) as data acquisition platforms and autonomous or semi-autonomous measurement instruments has become attractive for many emerging applications. They represent a valid alternative or a complementary solution to traditional platforms especially for extremely high resolution acquisitions on small or inaccessible areas. Thanks to their timely, cheap and extremely rich data acquisition capacity with respect to other acquisition systems, UAVs are emerging as innovative and cost-effective devices to perform numerous urban and environmental tasks.

This Special Issue aims at collecting new developments and methodologies, best practices and applications of UAVs in Geomatics. We welcome submissions which provide the community with the most recent advancements on all aspects of UAV in Geomatics.

Dr. Francesco Nex
Prof. Dr. Fabio Remondino
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Diego González-Aguilera

Cartographic and Land
Engineering Department, Higher
Polytechnic School of Avila,
University of Salamanca, Hornos
Caleros, 50 05003 Avila, Spain

Message from the Editor-in-Chief

Drones is the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications.

There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [Inspec](#), [Ei Compendex](#) and [other databases](#).

Journal Rank: JCR - Q1 (Remote Sensing) / CiteScore - Q1 (Aerospace Engineering)

Contact Us

Drones Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/drones
drones@mdpi.com
[X@Drones_MDPI](#)