



# IoT



an Open Access Journal by MDPI

## Unmanned Aerial Vehicles (UAV) and IoT

Guest Editors:

### Dr. Enrique Moguel

Department of Computer and Telematic System Engineering, University of Extremadura, Av. De la Universidad s/n., 10003 Cáceres, Spain

### Dr. Jaime Galán-Jiménez

Department of Computer and Telematic Systems Engineering, School of Technology, University of Extremadura, Avda. de la Universidad s/n, 10003 Cáceres, Spain

Deadline for manuscript submissions:

**closed (31 May 2022)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue is aimed at the two interrelated communities of IoT and Drones. We are interested in articles that focus on all aspects of the application of UAVs making use of IoT technologies. These include but are not limited to:

- IoT sensors for UAVs;
- Navigation technology;
- UAV path-planning and trajectory optimization for energy efficiency;
- Architectures, protocols, frameworks and applications of IoT for UAVs;
- Security and privacy for IoT in UAVs;
- Swarms of drones that offer efficiency and robustness in performing complex tasks;
- Battery and energy management in UAV-based networks;
- Energy-aware SDN for UAV networks;
- Other topics—recognition of objects, path planning, collision avoidance, communication technique, robustness against disturbances, applying machine learning, etc.

Dr. Enrique Moguel

Dr. Jaime Galán-Jiménez

*Guest Editors*



[mdpi.com/si/84930](https://mdpi.com/si/84930)

# Special Issue