Intelligent UAV Based Data Collection Networks

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Message from the Guest Editors

Dear Colleagues,

In recent years, UAV technology has developed rapidly and has been widely used in various industries. The combination of UAV and wireless sensor networks can effectively enhance the communication ability, perception ability, age of information (AoI) and energy efficiency of the network.

At present, there are several studies on UAV data collection, but they are not comprehensive enough. In fact, the application of intelligent UAV-assisted data collection is varied.

The data collection network based on intelligent UAV is studied to supplement the blanks and deficiencies of current related research, improve the efficiency of data collection in the Internet of Things, and help 6G to realize the vision of establishing an air–space–ground–sea integrated network.

- UAV
- data collection
- intelligent algorithm
- wireless sensor networks
- IoT network

Special issue

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Message from the Editor-in-Chief

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