Sensors, Networks and Applications for Intelligent Services: Territory monitoring, Driver's support, and Emergency

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Message from the Guest Editors

In the last years the deployment of networks of sensors for providing intelligent services, such as the monitoring of territory, support to vehicles drivers and emergency, have become an indispensable necessity for almost every country. An advanced system for providing intelligent and integrated services integrates data originated from the different networks of sensors and Internet of Things (IoT) devices spared over the territory. Usually, each sensor network is tailored for the observation of one or a specific subset of phenomena to be kept under control i.e., we have networks for monitoring landslides and/or floods from rivers, earthquakes, volcanoes activity, etc. In general, the collecting sites including dataloggers, mediators, servers in the cloud have just one group of data. Future applications (for vehicle drivers, for supporting emergency, for monitoring large areas or infrastructures) may be enabled by the integration of more than group of data such as weather and traffic data or user position and swelling of rivers.

Special Issue

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Message from the Editor-in-Chief

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