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## Antenna and Microwave Sensors

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### Message from the Guest Editor

Modern telecommunication and monitoring systems such as pollution detection, environmental sensor radio links, and radars require antennas and sensors able to operate in different complex environments and acquire different environmental physical parameters. The design of a suitable radiating system and specialized microwave sensors could play a key role in the design of monitoring systems. The antenna system and sensors for these devices must be light, cheap, and able to maintain high levels of device performance in any environment. In such a framework, the use of microwave antennas with fully adaptive properties is mandatory for dramatically improving the performances of monitoring systems. The objective of this Special Issue is to provide an overview of the current research on microwave antennas and sensors, highlight the latest developments and innovations, and identify new challenges and opportunities for applications.

**Keywords:** Phased arrays; Full adaptive arrays; Switched beam antenna; Reconfigurable antennas; MEMS-reconfigurable antennas; Multibeam antennas; Multifrequency antennas; Long-range RFID; Chipless RFID; Chipless sensors; Radar sensors



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# Special Issue



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## Message from the Editor-in-Chief

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