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Crop and Animal Sensors for Agriculture 5.0

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Deadline for manuscript submissions:

closed (30 November 2023)

Message from the Guest Editor

Dear Colleagues,

Sensors and sensing platforms are proven innovative tools that can break the bottlenecks in the agricultural value chain. From crops-focused precision agriculture, to farm animal and fisheries focused precision livestock farming, sensors have been playing a significant role in harnessing the power to drive food security and enhance production and welfare. As we are entering into the era of Agriculture 5.0 with the digitalization focus, there are still gaps in the usage of sensing technologies in measuring various factors, parameters, signals, and processes concerning crop and animal production. Future farming systems call for sensor fusion platforms; novel wearable sensors; digital twins; mechanistic models from sensors; visual animal biometrics; crop and animal biosensors; food safety biosensors; food processing biosensors; block chain tools; and many others. I invite all researchers from a multidisciplinary background to submit research papers and critical and insightful review articles for this Special Issue on “Crop and Animal Sensors for Agriculture 5.0”. I look forward to reading your contributions.

Prof. Dr. Suresh Neethirajan

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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