

Special Issue

Intelligent Sensing, Control and Optimization for Sustainable Cyber-Physical Systems

Message from the Guest Editors

This Special Issue aims to establish a forum for international researchers from different fields, to present and evaluate the most recent developments and new ideas in the intelligent sensing, control and optimization of sustainable CPS. Potential topics include, but are not limited to the following:

- Condition monitoring of key equipment in sustainable CPS;
- Advanced sensing solutions for sustainable CPS;
- Multimodal sensor fusion and data analysis;
- Real-time process monitoring for sustainable CPS;
- Process optimization and control of sustainable CPS;
- Digital twin-assisted sustainable CPS;
- Prognostics and health management (PHM) applications in sustainable CPS;
- Real-time and reliable communication in sustainable CPS;
- Sensing and communication security in sustainable CPS;
- Adaptive control and optimization in sustainable CPS;
- Hybrid computing for real-time monitoring and control in sustainable CPS.

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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