

## Special Issue

# Industry 5.0 in System Maintenance and Reliability

### Message from the Guest Editor

The phase prior to Industry 5.0 has seen the emergence of the digital industry: advancements such as the Industrial Internet of Things or the combination of Artificial Intelligence and Big Data have generated a new type of technology that can offer companies data-based knowledge. However, during this phase in Industry 4.0, the goal has been to minimize human involvement and prioritise process automation. To a certain extent, humans have been forced to compete with machines, casting the former aside in a myriad of scenarios. In the case of Industry 5.0, this trend is reversed: the goal is to strike a balance whereby machine–human interaction can offer the highest benefits. This Special Issue welcomes research articles and reviews that investigate Industry 5.0 implementation in the context of system maintenance and reliability, particularly how the right technology and trained personnel can be applied to optimise cost, provide greener solutions, and ultimately improve system maintenance and reliability. I look forward to receiving your contributions.

---

### Guest Editor

Dr. Indra Gunawan

Adelaide Business School, University of Adelaide, Adelaide, SA 5005, Australia

---

### Deadline for manuscript submissions

closed (30 September 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/143608](https://mdpi.com/si/143608)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



# About the Journal

## 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

---

## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

---

## Author Benefits

### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)