

Special Issue

Tacit knowledge models to support sustainable manufacturing processes according to industry 4.0 trends

Message from the Guest Editors

Robotics and mechatronics are multidisciplinary engineering areas combining complex tacit knowledge types difficult to identify, capture, store, reuse, share and maintain. As more complex mechatronics systems have been developed, there is a need of new mechatronics tacit knowledge models to support next-generation automation systems. Today, Industry 4.0 as a new industrial revolution is integrating intelligent components in a sustainable manufacturing domain providing competitive advantage to industry. This topic is focused on state-of-the-art research in advanced mechatronics tacit knowledge models exploring methods and tools to develop advanced and intelligent automation systems. Experimental investigation, analytical modeling, and numerical simulations implementing Industry 4.0 applications are of interest.

Guest Editors

Dr. David A. Guerra-Zubiaga

Department of Mechatronics Engineering, Kennesaw State University, Kennesaw, GA, USA

Dr. Germanico Gonzalez-Badillo

Facultad de Ingeniería, Universidad Autonoma de San Luis Potosi, San Luis Potosi, Mexico

Deadline for manuscript submissions

closed (30 September 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/80226

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)