# **Topical Collection**

# Towards a Sustainable Future through Innovative STEM Education

# Message from the Collection Editors

The world is changing, and education needs to change with it. The aim of this Special Issue, "Towards a Sustainable Future through Innovative STEM Education" is to provide understanding on how innovative STEM education can engage and empower students towards sustainability in a changing world. This Special Issue will especially focus on novel ways (e.g., pedagogical solutions and models) to promote sustainability through formal, non-formal, and informal education from early childhood to post-secondary school as well as in preservice and in-service teacher education. The exploration of the STEM and sustainability education nexus will allow the exploration of topics relevant to many 21st century educators. For example, to address such questions as: How can STEM education contribute to solving sustainability issues (e.g., climate change and the COVID crisis)? How can we educate students to solve real-life problems using STEM knowledge in a sustainable way? How can innovative technologies help us in the context of sustainable STEM education? How can we educate future STEM teachers and teachers to incorporate sustainability issues in their teaching practices?

### **Collection Editors**

Prof. Dr. Maija Aksela

Prof. Dr. Marina Milner-Bolotin

Dr. Sakari Tolppanen



# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/64676

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



# **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)

