



## **Mathematics Education in Science, Technology and Engineering: Exploring Research and Scholarship of the Student and Staff Experience**

Guest Editors:

**Prof. Dr. William Guo**

School of Engineering and  
Technology, Central Queensland  
University, North Rockhampton,  
QLD 4702, Australia

**Prof. Dr. Christopher C. Tisdell**

School of Mathematics and  
Statistics, The University of New  
South Wales, Sydney, NSW 2052,  
Australia

Deadline for manuscript  
submissions:

**closed (31 May 2021)**

### **Message from the Guest Editors**

Mathematics is a core element within most educational programs in science, technology, and engineering around the world. This includes what is termed as “service teaching” within secondary and tertiary education sectors.

The learning and teaching of mathematics has suffered from an image problem with students and some staff. Many students exhibit low levels of engagement and interest towards learning mathematics. Some staff fail to see the value in fully committing to service teaching as an activity. The focus of this Special Issue is on exploring and illuminating the student and staff experience of the learning and teaching mathematics within STEM. This includes the learning and teaching of mathematics as a service subject for other disciplines, such as physics, engineering, biological sciences, and so on.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Francisco Chiclana**  
School of Computer Science and  
Informatics, De Montfort  
University, The Gateway,  
Leicester LE1 9BH, UK

## Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

**Journal Rank:** JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

## Contact Us

---

*Mathematics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/mathematics](http://mdpi.com/journal/mathematics)  
[mathematics@mdpi.com](mailto:mathematics@mdpi.com)  
[X@MathematicsMDPI](https://twitter.com/MathematicsMDPI)