

# Special Issue

## Mathematical Economics and Spatial Econometrics

### Message from the Guest Editors

In recent years, spatial econometrics has attracted the interest of many researchers in fields such as economics, finance, accounting, management, and statistics. The purpose of this Special Issue is to contribute to the development of new methods in spatial econometrics and to their rapid diffusion in the scientific community. Theoretical and applied studies with methodological advances in spatial econometrics and statistics can be submitted. We invite authors to submit original research articles and high-quality review articles in areas of interest including but not limited to the following: spatial models and social network effects, spatial weight matrix, testing on spatial dependence, the factor loading model, interactive fixed effects in panel data, time series correlation in the spatial model, the static and dynamic spatial panel data model, Bayesian spatial econometric models, and computational and software issues relevant to spatial econometrics.

---

### Guest Editors

Dr. Long Liu

Department of Economics, Florida Atlantic University, 777 Glades Road, Boca Raton, FL 33431, USA

Dr. Donald Lien

Department of Economics, College of Business, University of Texas at San Antonio, One University Circle, San Antonio, TX 78249, USA

---

### Deadline for manuscript submissions

closed (1 September 2024)



## Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/149325](https://mdpi.com/si/149325)

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

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





# Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.6



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



## About the Journal

### 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.

---

### Editor-in-Chief

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

#### Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).