



## Computational Social Science and Complex Systems

Guest Editors:

**Dr. Minzhang Zheng**

Physics Department, George  
Washington University,  
Washington, DC 20052, USA

**Dr. Pedro D. Manrique**

Physics Department, George  
Washington University,  
Washington, DC 20056, USA

Deadline for manuscript  
submissions:

**closed (30 April 2024)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue is devoted to presenting recent developments in the computational and mathematical techniques of data extraction and visualization, analysis, and modeling of complex social structures, and bringing a new understanding to the field of computational social sciences. The topics of this Special Issue include but are not limited to:

- Computer simulation applications in social systems;
- Social media and social network analysis;
- Application of big data and artificial intelligence in social science;
- Social math and modeling;
- Progress of complex systems;
- Computational modeling of cognition;
- Ethics and computational social science.

Dr. Minzhang Zheng  
Dr. Pedro D. Manrique  
*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Ali Cemal Benim

Center of Flow Simulation (CFS),  
Department of Mechanical and  
Process Engineering, Duesseldorf  
University of Applied Sciences, D-  
40476 Duesseldorf, Germany

## Message from the Editor-in-Chief

You are invited to submit the results of your research for consideration and publication in *Computation*, an international open access journal, which is published quarterly online by MDPI.

The editorial board and staff of *Computation* are dedicated to establishing a benchmark journal for the world scientific and engineering communities for original research articles, reviews, conference proceedings (i.e., peer reviewed full articles), and communications, in the cutting-edge areas of computational biology, computational chemistry, and computation in engineering.

## Author Benefits

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

**High Visibility:** indexed within Scopus, ESCI (Web of Science), CAPlus / SciFinder, Inspec, dblp, and other databases.

**Journal Rank:** CiteScore - Q2 (*Applied Mathematics*)

## Contact Us

*Computation* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

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