



## Artificial Intelligence Knowledge Representation

Guest Editors:

**Dr. Paola Di Maio**

1. Center for Technology Ethics,  
Institute for Socio Technical  
Complex Systems;  
2. Chair of W3C AI KR Community  
and Business Groups;  
3. Department of Mechanical  
Engineering, National Cheng  
Kung University, Tainan 701,  
Taiwan

**Dr. Mari Carmen Suárez-  
Figueroa**

Departamento de Inteligencia  
Artificial, Universidad Politécnica  
de Madrid, Spain

Deadline for manuscript  
submissions:

**closed (30 April 2020)**

### Message from the Guest Editors

**MISSION:** The overall goal of this Special Issue is to explore and capture methods, tools and artefacts for the conceptualization and specification of domain knowledge in AI, with an emphasis on novel and emerging AI and KR techniques and tools, and with regard to both the technical and socio-technical aspects (such as technology, legislation, ethics, fair use, etc.) of AI.

### Submissions should fall into one of the following categories:

(Original and unpublished research work)

- Novel scholarly article that informs any aspect of KR relating to AI;
- Tools, techniques, evaluations, reviews, updates;
- Long-term perspectives from the computing field that can help to illustrate and evaluate the state of the art in AI KR;
- Reports of innovative AI KR applications in the humanities, sciences, engineering, and business areas;
- Reports of successful AI KR research in new problem domains;
- Use cases, experience and demos of new innovative systems.





# systems



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Ben Clegg

Operations & Service  
Management Department, Aston  
Business School, Aston  
University, Birmingham B4 7ET,  
UK

## Message from the Editor-in-Chief

*Systems* is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SSCI (Web of Science), Ei Compendex, dblp, and other databases.

**Journal Rank:** JCR - Q1 (Social Sciences, Interdisciplinary) / CiteScore - Q2 (Modeling and Simulation)

## Contact Us

---

Systems Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/systems](http://mdpi.com/journal/systems)  
[systems@mdpi.com](mailto:systems@mdpi.com)  
[X@Systems\\_MDPI](https://twitter.com/X_Systems_MDPI)