

# Special Issue

## Advanced Green Information and Communication Technology

### Message from the Guest Editors

Information and communication technologies (ICT) are growing rapidly. Consequently, the emissions caused by the usage of ICT increase significantly, and more and more hardware is produced and has to be disposed of after its life time. On the other hand, ICT can innovatively contribute to solve environmental problems in branches such as automotive, production, logistics, or in general sustainable development. Therefore, this Special Issue calls for new and innovative solutions in the field of green ICT, green information systems, green software and its engineering, and also solutions how ICT can contribute to the goals of sustainable development, including ICT-based environment and friendly solutions for industrial and public sectors. This comprises hardware and software solutions, models, and frameworks. Additionally, case studies and the evaluation of best practices are welcome.

- Green IT
- Green Information Systems
- Green Software Engineering
- Green by ICT
- Sustainable Software
- Sustainability Informatics/Sustainable ICT



## Technologies

an Open Access Journal  
by MDPI

Impact Factor 3.6  
CiteScore 8.5



[mdpi.com/si/13764](http://mdpi.com/si/13764)

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

[mdpi.com/journal/  
technologies](http://mdpi.com/journal/technologies)

### Guest Editors

Prof. Dr. Stefan Naumann

Institute for Software Systems, Trier University of Applied Sciences,  
Environmental Campus Birkenfeld, Birkenfeld, Germany

Ms. Eva Kern

Faculty of Sustainability, Leuphana University Lüneburg, 21335  
Lüneburg, Germany

---

### Deadline for manuscript submissions

closed (31 August 2018)





# Technologies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 8.5



[mdpi.com/journal/  
technologies](http://mdpi.com/journal/technologies)



## About the Journal

### Message from the Editor-in-Chief

*Technologies*, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

---

### Editor-in-Chief

Prof. Dr. Manoj Gupta

Department of Mechanical Engineering, National University of Singapore, Singapore 117576, Singapore

---

### Author Benefits

#### High Visibility:

indexed within ESCI (Web of Science), Scopus, Inspec, Ei Compendex, INSPIRE, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (Computer Science (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.1 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).