



## Smart Recharging Stations

Guest Editor:

**Dr. Fabio Viola**

Department of Engineering,  
University of Palermo, 90133  
Palermo, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2019)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue is proposed to encourage further research and development in smart recharging stations for electric vehicles and fuel cell electric vehicles.

The design of a charging station must take into account the peak power taken and the moment when it is required. In order to face this issue, the social activity should be studied: for a university with the peak of required power in the morning (when students arrive), an oriented solar system should be helpful. However, the study of the behavior of early adopters can also indicate which city should embrace a novel technology such as fuel cell electric vehicles (FCEVs).

Contributions might refresh the state-of-the-art, point out the benefits of emerging technologies, or investigate novel schemes and applications.

Original contributions including experimental validation are expected. The topics of interest include, but are not limited to:

- Design of stations with renewable plants;
- Customer behavior;
- Forecasting the diffusion of EVs or FCEVs;
- Power converters for the charge AC/DC or vehicle-to-grid DC/AC.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Pierluigi Siano

Department of Management and  
Innovation Systems, University of  
Salerno, 84084 Salerno, Italy

## Message from the Editor-in-Chief

*Smart Cities* provides an advanced forum for the dissemination of information on the science and technology of smart cities. It publishes reviews, regular research papers (articles) and communications in all areas of research concerning smart cities. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers so that the full experimental results can be reproduced. Manuscripts regarding research proposals and research ideas are particularly welcome.

## Author Benefits

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

**High Visibility:** indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Inspec](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Urban Studies)

## Contact Us

---

*Smart Cities* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/smartcities](http://mdpi.com/journal/smartcities)  
[cities@mdpi.com](mailto:cities@mdpi.com)  
[X@MDPISmartCities](#)