Special Issue

Smart Recharging Stations

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2019)

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About the Journal

Message from the Editor-in-Chief

As urban environments continue to evolve, Smart Cities serves as a key platform for sharing innovative research that addresses the complexities of modern urban life. Our journal provides a space for interdisciplinary dialogue and knowledge exchange on the latest advancements in smart city technologies and practices. We prioritize research that not only pushes the boundaries of scientific understanding but also has practical implications for improving urban living, sustainability, and governance.
We welcome contributions from diverse fields that bring fresh perspectives to urban challenges, from smart infrastructure and IoT integration to data-driven decision-making and sustainable development. Through a combination of rigorous peer-review and rapid publication, we aim to disseminate impactful research that fosters the development of smarter, more resilient cities.

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