



Power Grids' Future Perspective in the Mainstream E-mobility Era and under the Umbrella of Sustainable Development

Guest Editors:

Dr. Mikael Ahmadi

Department of Electrical and Electronics Engineering, University of the Ryukyus, Nishihara, Okinawa 903-0213, Japan

Dr. Mir Sayed Shah Danish

Energy Systems (Chubu Electric Power) Funded Research Division, IMaSS (Institute of Materials and Systems for Sustainability), Nagoya University, Nagoya, Japan

Deadline for manuscript submissions:

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This SI welcomes original research and review papers on, but not limited to, the following themes :

1. Optimizations and energy management towards sustainable power grids;
2. Integrating renewable energy sources into power systems for a sustainable environment;
3. Optimal operation and control of power distribution networks in presence of EVs;
4. Environmental impacts of transportation electrification;
5. Evaluation methods for electrified transportation systems;
6. Electric vehicle charging infrastructure planning;
7. Urban transport electrification and energy consumption;
8. New transport systems concepts and future perspectives;
9. Electric vehicles and the environment;
10. Theoretical developments in the planning and operation of sustainable EVs;
11. Energy storage devices for sustainable EVs' demand;
12. Energy infrastructure for electrical transportation;
13. Modeling and analysis of modern and future sustainable electric vehicles energy systems;
14. Smart energy management in electric vehicles for energy saving;
15. Energy savings through optimized EV charging in bidirectional energy flow V2G and G2V.





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MDPI, Grosspeteranlage 5
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