



Renewable Energy Systems for Mobile Robots

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Message from the Guest Editors

Autonomous robots have special energy needs, their batteries need to be recharged after every use and their autonomy is limited, particularly for aerial vehicles (UAV).

In this Special Issue, potential topics include, but are not limited to the following:

- Renewable energy supply systems for mobile robots.
- Energy processing for mobile robots: New trends in conversion architectures.
- Energy management in mobile robots: New trends in control algorithms.
- Energy optimization in robotic applications.
- Optimal battery recharging systems in off-grid environments.
- New trends in electrical vehicles (EV) recharging in off-grid environments.
- Contactless battery charging in mobile robots.
- Rethinking usual robotic applications with off-grid supply.
- New robotic applications in off-grid recharging systems.

More information, please click [here](#).





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Message from the Editor-in-Chief

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