



Solar Energy in Africa

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Message from the Guest Editors

From tens of thousands of solar-powered LED lights installed in the roads of Senegal or Algeria, through huge photovoltaic arrays deployed in Egypt's or in Morocco's desert regions, today's low cost and highly efficient photovoltaic and photothermal technologies used to produce (generate) electricity and heat are not only ready to eradicate energy poverty in many of Africa's countries, but can also enable the long awaited transition to distributed generation in both urban and rural areas.

The concomitant availability of new low-cost energy storage technologies—the Li-ion battery today and solar hydrogen in the near future—solves the solar energy intermittency issue, making solar electricity available at all times for stationary civil and industrial applications, and for power electric vehicles.

This Special Issue, “Solar Energy in Africa”, aims to provide an answer to these and related questions to eventually provide an authoritative and updated outlook on the recent progress of the use of solar energy in diverse African countries and regions, including the numerous African islands.





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