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Special Issue Reprint

Sustainable Development of Electrical Energy Storage Technologies in Energy Production

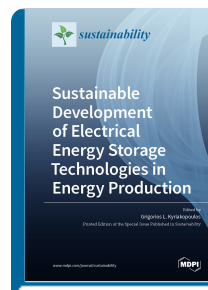
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Nowadays, energy production increase has been proven a globally contentious issue, as it counts variable stakeholders of competitive interests. Such indicative competitive interests are land use for energy crops against maximizing agricultural production yields, as well as the gradually localized trend of energy production from renewables, compared to the central overexploitation of fossil-fuelled energy sources in mainland grids of energy production. In response to this multi-parametric contradiction on traditional and novel approaches of energy production, this Special Issue aims at attracting researchers whose scientific interest resides in the electrical energy storage (EES) systems in a wide range of applicability: Technological advancements, environmental impacts, economies of scale achievement, active involvement of renewables in EES technologies, socio-economic impacts upon EES diffusion in regional and globalized contexts of analysis. The main limitations and the challenges derived from these scientific approaches will formulate a fresher scientific viewpoint of novel insights upon EES applicability in developed and developing economies, accordingly. Papers selected for this Special Issue are subject to a rigorous peer review procedure, enabling an integrated manner of dissemination upon research advancements and multi-disciplinary dynamics, accordingly.



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