

Special Issue

Sustainable Electric Power Systems: Modelling, Simulation and Analysis

Message from the Guest Editors

Power system stability refers to the ability of the system's synchronous machines to remain in synchronous mode in the face of any disturbance. That is why this type of stability is also called synchronous stability. Power system stability is divided into three categories: steady-state stability, transient stability, and dynamic stability.

According to the explained cases, the aim of this chapter invitation is to study different types of these stabilities, modeling, and analysis of these systems.

This Special Issue calls for theoretical, methodological, policy, and experimental contributions on the topic of sustainable systems. The papers can include, but are not limited to, the following subjects: Application of soft computing in power systems stability

Modeling of the power systems and their stability

Analyzing different stabilities on different power systems

Guest Editors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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