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## Wide Area Monitoring, Protection and Control of Modern Power Systems

Guest Editor:

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submissions:

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### Message from the Guest Editor

Dear Colleagues,

Generation from distributed renewable energy sources (RES), and continuous growth in energy consumption set economic profit ahead of technological requirements as a determining factor in strategic decisions of power system development. This challenge requires new technological solutions that will be able to meet the demands of real-time monitoring, protection, and control.

Wide area monitoring, protection and control (WAMPAC) is a concept that uses synchronized measurement technology (SMT) to counteract the propagation of large disturbances. WAMPAC is expected to improve security and reliability of power system operation in addition to mitigating disturbances and preventing blackout.

WAMPAC measurement data enable real-time monitoring, and it can be used as an early warning system that gives the operator enough time to make the steps required for system stability in order to limit the range and impact of disturbances and prevent power system blackouts.

The aim of this Special Issue is to present advanced and innovative technical solutions which will emphasize the monitoring, protection, and control of modern power systems.

Prof. Dr. Srđan Skok  
*Guest Editor*



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# Special Issue



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## Message from the Editor-in-Chief

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