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## Distributed Control of Wind Farm System

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Deadline for manuscript  
submissions:

**closed (30 November 2022)**

### **Message from the Guest Editor**

The mature wind power technologies lead to rapid growth in utility-scale wind power generations. Since large-scale wind farm projects range from hundreds up to thousands of multi-MW wind turbines, traditional wind farm control implemented in a supervisory computer will require significant computing power to produce setpoints for every wind turbine. Instead of using a centralized controller for the entire wind farm, modern wind farms can be managed in a distributed manner like smart grids, in which the desired global behavior of the wind farm system can be achieved by the coordination of all turbines. Distributed control of wind farms has shown great potential as it enhances system resilience and reduces the computational burden. The goal of this *Special Issue* is to promote new research concepts and achievements in the distributed control of wind farms.



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**Special** Issue



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## Message from the Editor-in-Chief

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