

## Special Issue

# Advances in Ancillary Services by DRES in Distribution Grids

### Message from the Guest Editors

In a future energy scenario with very high shares of renewables (up to 100%) in the electrical energy mix, system support functions that are provided today by synchronous generators (SG) will need to be provided by distributed renewable energy sources (DRES) or procured from third parties. DRES should significantly contribute to a more stable operation of the future energy system, allowing growing percentage of DRES to displace traditional SG-based dispatchable generation. The aim of this Special Issue is to attract leading researchers in the area of possible AS that can be offered by DRES connected in the distribution system. Accepted contributions will include one or more of the following topics:

Dr. Angelos K. Marnerides

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### Guest Editors

Prof. Dr. Charis S. Demoulias

Dr. Angelos Marnerides

Dr. Georgios C. Kryonidis

Dr. Kyriaki-Nefeli D. Malamaki

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### Deadline for manuscript submissions

closed (31 March 2021)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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