

Special Issue

Active Regional Energy Systems and Microgrids

Message from the Guest Editors

Topics of interest to this Special Issue include but are not limited to: • Planning and operation of active energy networks and microgrids • Control and protection of AEGs • Energy hubs and multicarrier energy systems • Integrated energy systems and microgrids clusters • Regional energy system regulatory frameworks, markets, and ancillary services • Risk modeling and management in AEGs • Micro- and nano-energy systems and technologies • Energy conversion, storage, and management • Modelling and optimization of AEGs • Distributed generation resources • Transactive energy • Energy forecasting • Energy resource management • Renewable technology assessment and management • Flexible demand and energy storages • Cyberphysical systems, information and communication infrastructure, and data analytics • Real-world practical applications of regional energy system and microgrids. Welcome to contribute!

Guest Editors

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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