

# Special Issue

## Carbon-Based Materials for Electrical Power Transmission and Smart Grid Technologies

### Message from the Guest Editor

Carbon based materials for power transmission, storage, and energy conversion offer unique opportunity for application in the smart grid of the future. Example materials of interest include, but are not limited to carbon nanotubes (single wall and multi wall), graphene, graphene nanoribbons, conducting polymers, and organic semiconductors. These materials have been shown to effectively work in many pertinent applications such as transistors, conductors, semi-conductors, displays, capacitors, batteries and much more. The aim of this Special Issue is to present solutions to global energy demands using carbon-based materials within the smart grid system, whereby key technical components are improved or replaced by carbon based materials.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2017)



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# About the Journal

## Message from the Editor-in-Chief

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### Editor-in-Chief

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