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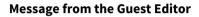
# **Materials for Photovoltaic Applications**

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Deadline for manuscript submissions: closed (30 September 2019)



Dear Colleagues,

This Special Issue of *Materials* will be a detailed overview of recent research and development in the field of photovoltaics and solar cells.

Experimental approaches for the development materials and technologies covering:

- Novel materials and device architectures
- Fundamental studies on organic layers and applications to multi-junction cells
- Advances in single and multicrystalline silicon solar cells, thin film silicon cells and amorphous silicon
- Technology advances in quantum dots, dye-sensitised solar cells and organic photovoltaics
- Perovskite semiconductors, solar cells and materials
- Compound semiconductor cells (CIS, CIGS, CdTe)
- Group III–V semiconductors solar cells
- Application and advances in materials for photovoltaic including transparent conductive oxide (TCO), antireflective coating (ARC), graphene and graphite composites, plasmonics and novel light trapping, hotcarrier effects and up/down conversion.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews related to materials for photovoltaic applications are all welcome.

**Special**sue

Dr. Gregory J. Wilson Guest Editor



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## **Editor-in-Chief**

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