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Advanced Applications of Microwave Technologies in Agricultural, Resource Management and Energy Industries

Guest Editor:

Prof. Graham Brodie
Faculty of Veterinary and Agricultural Sciences, Dookie Campus, The University of Melbourne, 940 Nalinga Rd., VIC 3647, Australia

Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editor

Dear Colleagues,

Humanity will face several major challenges in the future. Two of these major challenges can be summarised as "Food Security" and "Energy Security". While major inroads have been made to overcome these global security issues, more needs to be done with less to ensure the future of humanity, while minimizing our footprint on the planet. The development and application of novel technologies will play a critical role in this process. Microwave energy has great potential to foster this endeavor, because microwave sensing, heating, plasma, and wireless energy transmission technologies all appear to be more efficient, convenient, and durable than their more conventional counterparts. This issue will present papers that focus on these and other applications of microwave energy in the agricultural, resource management and energy industries.

keywords:

- Microwave Sensing
- Microwave Heating
- Microwave Power Transmission
- Microwave Plasma

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Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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