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Energy and Green Technology

Guest Editors:

Dr. Tohid N. Borhani

School of Engineering, Division of
Chemical Engineering, University
of Wolverhampton,
Wolverhampton WV1 1LY, UK

**Dr. Fideline Tchuenbou-
Magaia**

School of Engineering,
Computing and Mathematical
Sciences, Division of Chemical
Engineering, University of
Wolverhampton, Wolverhampton
WV1 1LY, UK

**Dr. Amin Mahmoudzadeh
Andwari**

Machine and Vehicle Design
(MVD), Materials and Mechanical
Engineering, Faculty of
Technology, University of Oulu,
P.O. Box 4200, FI-90014 Oulu,
Finland

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Message from the Guest Editors

Energy and green technology advancement has been one of the most important fields of study in recent years due to high energy demand, an increase in population and environmental issues related to using fossil fuels. As such, there is a need for an integrated system for product manufacturing to achieve a green, resource-efficient and low-carbon economy. Green hydrogen production; carbon capture and utilisation; gasification and pyrolysis of biomass and different feedstocks; and renewable and sustainable energies such as solar, geothermal, and wind are subjects that have attracted much attention from scholars. The application of MOFs as storage media and batteries to save produced energy is another area of study.

This Special Issue on “Energy and Green Technologies” seeks high-quality works focusing on the latest relevant studies. Topics include, but are not limited to:

- Carbon capture, utilisation and storage (CCUS);
- Green technology to produce renewable fuels such as methanol and hydrogen;
- Energy conversion and storage technologies such as SOFC and batteries;
- Zero-emissions technologies.



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Special Issue



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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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