

## Special Issue

# Anaerobic Digestion Processes for Wastewater Treatment

### Message from the Guest Editors

Anaerobic digestion (AD) is a natural process carried out by anaerobic microorganisms, which offers many advantages in regard to the production of renewable energy. AD produces methane, which is a greenhouse gas that can also be captured and used for fuel production; therefore, it is a key measure for decreasing greenhouse gases. For wastewater treatment, AD processes are usually used for treating sludge to produce energy, decreasing its volume and increasing its dewaterability. Sludge can also be codigested with other byproducts like agricultural waste (straw, manure), household waste or food waste. In this case, solid AD processes, also called dry anaerobic digestion, can be used. The latter concerns a process for the degradation of high total solid (TS > 15 % w/w) content.

Despite the existence of numerous full-scale industrial solid reactors, many research works are still carried out in AD and are focused on current limitations in order to develop AD processes.

This Special Issue aims to encourage researchers to find solutions in order to overcome these limitations.

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### Guest Editors

Prof. Dr. Andre Pauss

Laboratory of Integrated Transformation of Renewable Resources (TIMR UTC-ESCOM), Alliance Sorbonne Université – Université de Technologie de Compiègne, Compiègne, France

Dr. Thierry Ribeiro

ULR7519 Transformations & AgroRessources, Institut Polytechnique UniLaSalle, Beauvais, France

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### Deadline for manuscript submissions

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## Applied Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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