Special Issue

Biomethane Potential Tests—A Key Tool for Anaerobic Digestion Research and Practice

Message from the Guest Editors

Biochemical methane potential (BMP) tests are routinely conducted as part of anaerobic digestion research and practice in order to quantify the maximum methane yield that a substrate can provide. The first BMP method was described 40 years ago, and many variations have since been proposed. Despite its widespread use and importance to both research labs and plant operators, BMP measurement suffers from high variability among laboratories, significantly limiting its value in both areas. How can BMP measurement be improved? Can we get more out of BMP trials? Standardization of methods may help in reducing both systematic and random error. Development of validation criteria could help technicians to reject flawed results and identify sources of error. Examination of kinetic data from BMP tests might help further to evaluate data quality with little additional effort. This Special Issue of *Water* will focus on recent developments in BMP measurement and application of BMP tests in research and practice. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Biomethane_Potential

Guest Editors

Prof. Dr. Konrad Koch

Prof. Dr. Sasha D. Hafner

Prof. Dr. Christof Holliger

Deadline for manuscript submissions

closed (31 January 2021)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/31721

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

About the Journal

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

MDPI