

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

Guest Editors:

Prof. Dr. Konrad Koch

Chair of Urban Water Systems
Engineering, Technical University
of Munich, Garching, Germany

Prof. Dr. Sasha D. Hafner

Department of Engineering,
Aarhus University, Aarhus,
Denmark

Prof. Dr. Christof Holliger

Laboratory for Environmental
Biotechnology, Ecole
Polytechnique Fédérale de
Lausanne (EPFL), Lausanne,
Switzerland

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Message from the Guest Editors

Dear Colleagues,

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



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Special Issue



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Editor-in-Chief

Dr. Jean-Luc PROBST

ECOLAB, Centre National de la
Recherche Scientifique (CNRS),
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ENSAT, Auzeville Tolosane,
France

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Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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