



Sustainable Waste Air and Biogas Treatment

Guest Editors:

Dr. Daniel Dobslaw

Department of Biological Waste
Air Purification, Institute of
Sanitary Engineering, Water
Quality and Solid Waste
Management, University of
Stuttgart, Bandtäle 2, 70569
Stuttgart, Germany

**Prof. Dr. Karl Heinrich
Engesser**

Department of Biological Waste
Air Purification, Institute of
Sanitary Engineering, Water
Quality and Solid Waste
Management, University of
Stuttgart, Bandtäle 2, 70569
Stuttgart, Germany

Deadline for manuscript
submissions:

closed (15 September 2020)

Message from the Guest Editors

Dear Colleagues,

Biological waste air and waste gas treatment technologies are a high-potential alternative due to the lack of greenhouse gas relevant secondary emissions and a large spectrum of applications for these technologies. Despite these clear pros, biological waste air and waste gas treatment processes are mainly restricted to agricultural waste air and waste gas treatment and only of minor relevance in industrial applications.

Suitable topics for this Special Issue include but are not limited to the following:

- Legal framework to achieve 1.5 °C global warming target of the Paris agreement
- Technical trends in biological waste air and waste gas treatment
- New approaches in sustainable agricultural or industrial waste air treatment
- Combination of biological and non-biological waste air treatment technologies to deal with complex waste air scenarios
- New approaches to improve the performance and demand for resources by sole or combined biological waste air treatment systems





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)