

## Accepted Manuscript

Effect of feeding mode and dilution on the performance and microbial community population in anaerobic digestion of food waste

Jong-Hun Park, Gopalakrishnan Kumar, Yeo-Myeong Yun, Joong-Chun Kwon, Sang-Hyoun Kim

PII: S0960-8524(17)31112-4  
DOI: <http://dx.doi.org/10.1016/j.biortech.2017.07.025>  
Reference: BITE 18445

To appear in: *Bioresource Technology*

Received Date: 30 April 2017  
Revised Date: 3 July 2017  
Accepted Date: 6 July 2017

Please cite this article as: Park, J-H., Kumar, G., Yun, Y-M., Kwon, J-C., Kim, S-H., Effect of feeding mode and dilution on the performance and microbial community population in anaerobic digestion of food waste, *Bioresource Technology* (2017), doi: <http://dx.doi.org/10.1016/j.biortech.2017.07.025>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Effect of feeding mode and dilution on the performance  
and microbial community population in anaerobic  
digestion of food waste**

**Jong-Hun Park<sup>1,2</sup>, Gopalakrishnan Kumar<sup>1,3</sup>, Yeo-Myeong Yun<sup>4</sup>, Joong-Chun Kwon<sup>5</sup>,  
Sang-Hyoun Kim<sup>1,3</sup>\***

<sup>1</sup>Sustainable Environmental Process Research Institute, Daegu University, Gyeongsan,  
Gyeongbuk 38453, Republic of Korea

<sup>2</sup>Civil, Environmental and Architectural Engineering, Korea University, Anam-Dong,  
Seongbuk-gu, Seoul 02841, Republic of Korea

<sup>3</sup>Department of Environmental Engineering, Daegu University, Gyeongsan, Gyeongbuk  
38453, Republic of Korea

<sup>4</sup>Department of Civil and Environmental Engineering, Korea Advanced Institute of Science  
and Technology, 373-1 Guseong-dong, Yuseong-gu, Daejeon 34141, Republic of Korea

<sup>5</sup>Ecodigm Co., Ltd., 10-6 Expo-ro 339 beon-gil, Yuseong-gu, Daejeon 34124, Republic of  
Korea

\*Corresponding author; Prof. Sang-Hyoun Kim, Department of Environmental Engineering,  
Daegu University, Gyeongsan, Gyeongbuk 38453, Republic of Korea

Tel.: +82 53 8506691; Fax: +82 53 8506699; E-mail address: [sanghkim1@daegu.ac.kr](mailto:sanghkim1@daegu.ac.kr)

Download English Version:

<https://daneshyari.com/en/article/7069141>

Download Persian Version:

<https://daneshyari.com/article/7069141>

[Daneshyari.com](https://daneshyari.com)