

# Accepted Manuscript

Review

Opportunities and Challenges in Sustainable Treatment and Resource Reuse of Sewage Sludge: A Review

Abdul Raheem, Vineet Singh Sikarwar, Jun He, Wafa Dastyar, Dionysios D. Dionysiou, Wei Wang, Ming Zhao

PII: S1385-8947(17)32271-4  
DOI: <https://doi.org/10.1016/j.cej.2017.12.149>  
Reference: CEJ 18310

To appear in: *Chemical Engineering Journal*

Received Date: 5 October 2017  
Revised Date: 24 December 2017  
Accepted Date: 29 December 2017

Please cite this article as: A. Raheem, V.S. Sikarwar, J. He, W. Dastyar, D.D. Dionysiou, W. Wang, M. Zhao, Opportunities and Challenges in Sustainable Treatment and Resource Reuse of Sewage Sludge: A Review, *Chemical Engineering Journal* (2017), doi: <https://doi.org/10.1016/j.cej.2017.12.149>

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.



# Opportunities and Challenges in Sustainable Treatment and Resource Reuse of Sewage Sludge: A Review

*Abdul Raheem,<sup>a</sup> Vineet Singh Sikarwar,<sup>a</sup> Jun He,<sup>b</sup> Wafa Dastyar,<sup>a</sup> Dionysios D.*

*Dionysiou,<sup>c</sup> Wei Wang,<sup>a,d,e</sup> and Ming Zhao,<sup>a,d,e,\*</sup>*

<sup>a</sup> School of Environment, Tsinghua University, Beijing, 100084, China

<sup>b</sup> Research Group of Natural Resources and Environment, International Doctoral Innovation Centre, Department of Chemical and Environmental Engineering, University of Nottingham Ningbo China, Ningbo, 315100, China.

<sup>c</sup> Environmental Engineering and Science Program, Department of Chemical and Environmental Engineering (ChEE), University of Cincinnati, OH, United States

<sup>d</sup> Key Laboratory for Solid Waste Management and Environment Safety, Ministry of Education, Beijing, 100084, China

<sup>e</sup> Beijing Engineering Research Center of Biogas Centralized Utilization, Beijing 100084, China

Corresponding Author

\* Phone: +86 10 6278 4701; Email: ming.zhao@tsinghua.edu.cn

Download English Version:

<https://daneshyari.com/en/article/6580384>

Download Persian Version:

<https://daneshyari.com/article/6580384>

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