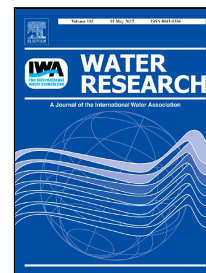


Accepted Manuscript

Rapid biochemical methane potential prediction of urban organic waste with near-infrared reflectance spectroscopy



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PII: S0043-1354(17)30319-6
DOI: 10.1016/j.watres.2017.04.051
Reference: WR 12850
To appear in: *Water Research*
Received Date: 03 March 2017
Revised Date: 13 April 2017
Accepted Date: 20 April 2017

Please cite this article as: T. Fitamo, J.M. Triolo, A. Boldrin, C. Scheutz, Rapid biochemical methane potential prediction of urban organic waste with near-infrared reflectance spectroscopy, *Water Research* (2017), doi: 10.1016/j.watres.2017.04.051

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To
Water Research

02 March 2017

Highlights: Concerning manuscript for publication in Water Research

- Developing a use of NIRS for BMP prediction of urban organic waste
- R^2 and $RMSE_p$ of the urban organic waste model was 0.88 and 44 mL CH₄ /g VS
- Slightly larger model error for the combined BMP data for variety of samples
- The BMP prediction with NIRS was satisfactory and moderately successful

Best regards,

Temesgen Fitamo and co-authors
DTU Environment

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