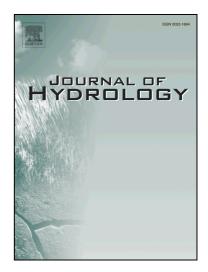
## Accepted Manuscript

## Research papers

Greenhouse gas emissions from integrated urban drainage systems: where do we stand?

Giorgio Mannina, David Butler, Lorenzo Benedetti, Ana Deletic, Harsha Fowdar, Guangtao Fu, Manfred Kleidorfer, David McCarthy, Peter Steen Mikkelsen, Wolfgang Rauch, Chris Sweetapple, Luca Vezzaro, Zhiguo Yuan, Patrick Willems



PII:	S0022-1694(18)30140-9
DOI:	https://doi.org/10.1016/j.jhydrol.2018.02.058
Reference:	HYDROL 22607
To appear in:	Journal of Hydrology
Received Date:	23 December 2017
Revised Date:	19 February 2018
Accepted Date:	19 February 2018

Please cite this article as: Mannina, G., Butler, D., Benedetti, L., Deletic, A., Fowdar, H., Fu, G., Kleidorfer, M., McCarthy, D., Steen Mikkelsen, P., Rauch, W., Sweetapple, C., Vezzaro, L., Yuan, Z., Willems, P., Greenhouse gas emissions from integrated urban drainage systems: where do we stand?, *Journal of Hydrology* (2018), doi: https://doi.org/10.1016/j.jhydrol.2018.02.058

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.

## ACCEPTED MANUSCRIPT

## Greenhouse gas emissions from integrated urban drainage systems: where do we stand?

Giorgio Mannina <sup>1,2</sup>\*, David Butler<sup>3</sup>, Lorenzo Benedetti<sup>4</sup>, Ana Deletic<sup>5</sup>, Harsha Fowdar<sup>5</sup>, Guangtao Fu<sup>3</sup>, Manfred Kleidorfer<sup>4</sup>, David McCarthy<sup>5</sup>, Peter Steen Mikkelsen<sup>7</sup>, Wolfgang Rauch<sup>6</sup>, Chris Sweetapple<sup>3</sup>, Luca Vezzaro<sup>7</sup>, Zhiguo Yuan<sup>8</sup> and Patrick Willems<sup>9</sup>

- 1 Dipartimento di Ingegneria Civile, Ambientale, Aerospaziale, dei Materiali, Università di Palermo, Viale delle Scienze, Ed. 8, Palermo (IT), \* Corresponding author's e-mail: giorgio.mannina@unipa.it; tel. +39 23896556
- 2 Department of Earth and Environmental Engineering, Columbia University, 500 West 120th Street, New York, NY 10027, USA
- 3 Centre for Water Systems, College of Engineering, Mathematics and Physical Sciences, University of Exeter, EX4 4QF, UK 4 Waterways d.o.o., Gornji Vukojevac 10A, 44272 Lekenik, Croatia
- 5 School of Civil and Environmental Engineering, UNSW, Sydney, NSW 2052, Australia

C

- 6 University of Innsbruck, Unit for Environmental Engineering, Technikerstrasse 13, 6020 Innsbruck (A)
- 7 Department of Environmental Engineering, Technical University of Denmark (DTU Environment), Miljøvej B115, Kgs. Lyngby, 2800, Denmark
- 8 The University of Queensland Advanced Water Management Centre (AWMC), QLD 4072, Australia
- 9 KU Leuven, Dept. of Civil Engineering, Hydraulics Section Kasteelpark Arenberg 40, Box 2448, 3001 Leuven, Belgium

Download English Version:

https://daneshyari.com/en/article/8894891

Download Persian Version:

https://daneshyari.com/article/8894891

Daneshyari.com