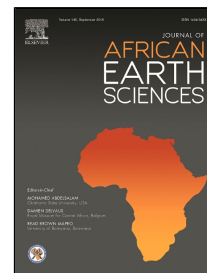


Accepted Manuscript

Assessment of water quality and time accumulation of heavy metals in the sediments of tropical urban rivers: Case of Bumbu River and Kokolo Canal, Kinshasa City, Democratic Republic of the Congo



John M. Kayembe, Periyasamy Sivalingam, Carmen Diz Salgado, Jeff Maliani, Patience Ngelinkoto, Jean-Paul Otamonga, Crispin K. Mulaji, Josué I. Mubedi, John Poté

PII: S1464-343X(18)30212-7

DOI: 10.1016/j.jafrearsci.2018.07.016

Reference: AES 3278

To appear in: *Journal of African Earth Sciences*

Received Date: 06 February 2018

Accepted Date: 16 July 2018

Please cite this article as: John M. Kayembe, Periyasamy Sivalingam, Carmen Diz Salgado, Jeff Maliani, Patience Ngelinkoto, Jean-Paul Otamonga, Crispin K. Mulaji, Josué I. Mubedi, John Poté, Assessment of water quality and time accumulation of heavy metals in the sediments of tropical urban rivers: Case of Bumbu River and Kokolo Canal, Kinshasa City, Democratic Republic of the Congo, *Journal of African Earth Sciences* (2018), doi: 10.1016/j.jafrearsci.2018.07.016

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.

1 Assessment of water quality and time accumulation of heavy metals in
2 the sediments of tropical urban rivers: Case of Bumbu River and
3 Kokolo Canal, Kinshasa City, Democratic Republic of the Congo
4

5 John M. Kayembe¹, Periyasamy Sivalingam², Carmen Diz Salgado², Jeff Maliani¹, Patience
6 Ngelinkoto¹, Jean-Paul Otamonga¹, Crispin K. Mulaji³, Josué I. Mubedi¹, John Poté^{1,2,3*}

7 ¹*Université Pédagogique Nationale (UPN). Croisement Route de Matadi et Avenue de la*
8 *Libération. Quartier Binza/UPN, B.P. 8815 Kinshasa, République Démocratique du Congo*

9 ²*University of Geneva Faculty of science, Department F.-A. Forel for environmental and*
10 *aquatic sciences, and Institute of Environmental Sciences, 66, Boulevard Carl-Vogt, CH –*
11 *1205, Geneva, Switzerland*

12 ³*University of Kinshasa (UNIKIN), Faculty of Science, Department of Chemistry, B.P. 190,*
13 *Kinshasa XI, Democratic Republic of the Congo*

14
15
16

* Corresponding author:
John Poté, PhD.
University of Geneva
Faculty of Sciences
Earth and Environmental Sciences
Department F.-A. Forel for environmental and aquatic sciences
Bd Carl-Vogt 66, CH-1211 Geneva 4
Switzerland
Tel: (+41 22) 379 03 21
Fax: (+41 22) 379 03 29
E-mail: john.pote@unige.ch

Download English Version:

<https://daneshyari.com/en/article/8913398>

Download Persian Version:

<https://daneshyari.com/article/8913398>

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