

## Accepted Manuscript

Title: Leaching and selective zinc recovery from acidic leachates of zinc metallurgical leach residues

Author: Manivannan Sethurajan David Huguenot Rohan Jain  
Piet N.L. Lens Heinrich A. Horn Luiz H.A. Figueiredo Eric D.  
van Hullebusch



PII: S0304-3894(16)30028-0  
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2016.01.028>  
Reference: HAZMAT 17380

To appear in: *Journal of Hazardous Materials*

Received date: 28-9-2015  
Revised date: 8-1-2016  
Accepted date: 11-1-2016

Please cite this article as: Manivannan Sethurajan, David Huguenot, Rohan Jain, Piet N.L.Lens, Heinrich A.Horn, Luiz H.A.Figueiredo, Eric D.van Hullebusch, Leaching and selective zinc recovery from acidic leachates of zinc metallurgical leach residues, *Journal of Hazardous Materials* <http://dx.doi.org/10.1016/j.jhazmat.2016.01.028>

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.

# Leaching and selective zinc recovery from acidic leachates of zinc metallurgical leach residues

Manivannan Sethurajan<sup>1,2,3</sup>, David Huguenot<sup>1</sup>, Rohan Jain<sup>2</sup>, Piet N.L. Lens<sup>2</sup>, Heinrich A. Horn<sup>3</sup>, Luiz H. A. Figueiredo<sup>4</sup>, Eric D. van Hullebusch<sup>1\*</sup>

<sup>1</sup>Université Paris-Est, Laboratoire Géomatériaux et Environnement (LGE), EA 4508, UPEM, 77454 Marne-la-Vallée, France

<sup>2</sup>UNESCO-IHE Institute for Water Education, Westvest 7, 2611 AX Delft, the Netherlands

<sup>3</sup>Universidade Federal de Minas Gerais, NGqA-CPMTC, Instituto de Geociências, Av. Antônio Carlos, 6627, Pampulha, Belo Horizonte - MG, 31270-901, Brazil

<sup>4</sup>Universidade Estadual de Montes Claros, Solos e nutrição de plantas, Avenida Reinaldo Viana, 2630, Bico da Pedra - Janauba - MG, 39440-000, Brazil

\*Corresponding author: [Eric.vanHullebusch@univ-paris-est.fr](mailto:Eric.vanHullebusch@univ-paris-est.fr)

Tel.: +33 1 49 32 90 42; Fax +33 1 49 32 91 37

Download English Version:

<https://daneshyari.com/en/article/4979923>

Download Persian Version:

<https://daneshyari.com/article/4979923>

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