

Accepted Manuscript

Fate of biochar in chemically- and physically-defined soil organic carbon pools

H.M.S.K. Herath, Marta Camps-Arbestain, Mike Hedley, Robert Van Hale,
Joeri Kaal

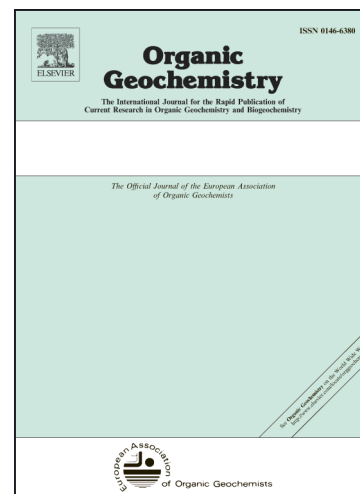
PII: S0146-6380(14)00107-7
DOI: <http://dx.doi.org/10.1016/j.orggeochem.2014.05.001>
Reference: OG 3119

To appear in: *Organic Geochemistry*

Received Date: 26 September 2013
Revised Date: 25 April 2014
Accepted Date: 5 May 2014

Please cite this article as: Herath, H.M.S.K., Camps-Arbestain, M., Hedley, M., Hale, R.V., Kaal, J., Fate of biochar in chemically- and physically-defined soil organic carbon pools, *Organic Geochemistry* (2014), doi: <http://dx.doi.org/10.1016/j.orggeochem.2014.05.001>

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 Fate of biochar in chemically- and physically-defined soil
2 organic carbon pools

3 H.M.S.K. Herath^{a,b}, Marta Camps-Arbestain^a, Mike Hedley^a, Robert Van
4 Hale^c, Joeri Kaal^d

5

6 ^a *New Zealand Biochar Research Centre, Soil and Earth Sciences Group,*
7 *Institute of Natural Resources, Private Bag 11 222, Massey University,*
8 *Palmerston North 4442, New Zealand*

9 ^b *Department of Export Agriculture, Faculty of Animal Science and Export*
10 *Agriculture, Uva Wellassa University, Badulla 90000, Sri Lanka*

11 ^c *Iso-trace Research, Department of Chemistry, University of Otago, PO Box*
12 *56 Union Street West, Dunedin 9054, New Zealand*

13 ^d *Instituto de Ciencias del Patrimonio (Incipit), Consejo Superior de*
14 *Investigaciones Científicas (CSIC), Rúa San Roque 2, 15704 Santiago de*
15 *Compostela, Spain*

16

17 *Corresponding author. Tel.: +94 553566522; fax: +94 552226470.

18 *E mail address:* samanherath@uwu.ac.lk (H.M. Saman K. Herath).

Download English Version:

<https://daneshyari.com/en/article/5162407>

Download Persian Version:

<https://daneshyari.com/article/5162407>

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