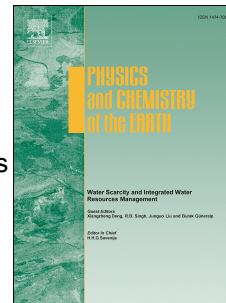


Accepted Manuscript

Field assessment of surface runoff, sediment yield and soil erosion in opencast mines in Chirimiri area, Chhattisgarh, India

G.K. Nigam, R.K. Sahu, M.K. Sinha, X. Deng, R.B. Singh, P. Kumar



PII: S1474-7065(17)30069-4

DOI: [10.1016/j.pce.2017.07.001](https://doi.org/10.1016/j.pce.2017.07.001)

Reference: JPCE 2626

To appear in: *Physics and Chemistry of the Earth*

Received Date: 7 April 2017

Revised Date: 8 June 2017

Accepted Date: 5 July 2017

Please cite this article as: Nigam, G.K., Sahu, R.K., Sinha, M.K., Deng, X., Singh, R.B., Kumar, P., Field assessment of surface runoff, sediment yield and soil erosion in opencast mines in Chirimiri area, Chhattisgarh, India, *Physics and Chemistry of the Earth* (2017), doi: 10.1016/j.pce.2017.07.001.

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.

Field assessment of surface runoff, sediment yield and soil erosion in opencast mines in Chirimiri area, Chhattisgarh, India.

Nigam, G. K.¹; Sahu, R. K.²; Sinha, M. K.³; Deng, X.⁴; Singh, R.B⁵; Kumar, P.^{6*}

- 1 Gaurav Kant Nigam,
Ph.D. Research Scholar,
Department of Soil & Water Engineering,
Faculty of Agricultural Engineering,
Indira Gandhi Krishi Vishwavidyalaya,
Raipur - 492012, Chhattisgarh, India.
e-mail: er.nigamgk@gmail.com
- 2 Dr.(Prof.) Rajendra Kumar Sahu
Dean,
BRSM College of Agricultural Engineering and
Technology, Mungeli
Indira Gandhi Krishi Vishwavidyalaya,
Raipur - 492012, Chhattisgarh, India.
e-mail: rksahu56@gmail.com
- 3 Manish Kumar Sinha
Ph. D. Research Scholar,
Department of Engineering Geology and Hydrogeology,
RWTH Aachen University, Lochnerstraße 4-20,
D-52064 Aachen, Germany.
Tel.: +49 (0)241/80 96787
e-mail: sinha@lih.rwth-aachen.de
- 4 Professor Dr. Xiangzheng Deng
Institute of Geographic Sciences and Natural
Resources Research, Chinese Academy of Sciences (CAS) Center for Chinese Agricultural Policy, CAS
No 11A, Datun Road, Anwai, Beijing, 100110, China
e-mail: dengxz@igsrr.ac.cn
- 5 Professor Dr. Ram Babu Singh
Department of Geography,
Delhi School of Economics
University of Delhi
Delhi 110007
email: rbsgeo@hotmail.com
6. Dr. Pankaj Kumar (**Corresponding author**)
Assistant Professor,
Department of Geography,
Delhi University
Delhi 110007
e-mail: pankajdsedu@gmail.com

Download English Version:

<https://daneshyari.com/en/article/8912441>

Download Persian Version:

<https://daneshyari.com/article/8912441>

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