

Accepted Manuscript

Assessment of groundwater and soil quality for agricultural purposes in Koprucoren Basin, Kutahya, Turkey

Sebnem Arslan



PII: S1464-343X(17)30147-4
DOI: 10.1016/j.jafrearsci.2017.04.004
Reference: AES 2866
To appear in: *Journal of African Earth Sciences*
Received Date: 05 March 2017
Revised Date: 03 April 2017
Accepted Date: 05 April 2017

Please cite this article as: Sebnem Arslan, Assessment of groundwater and soil quality for agricultural purposes in Koprucoren Basin, Kutahya, Turkey, *Journal of African Earth Sciences* (2017), doi: 10.1016/j.jafrearsci.2017.04.004

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.

Highlights:

1. Groundwater resources is suitable for irrigation but they are very hard in nature.
2. Arsenic concentrations in soil samples exceed the MAC set for agricultural soils.
3. Water chemistry is affected by water-rock interaction and anthropogenic pollution.
4. Soil chemistry is impacted by soil parent material and anthropogenic pollution.
5. Nickel is enriched in all of the agricultural soil samples.

Download English Version:

<https://daneshyari.com/en/article/5785612>

Download Persian Version:

<https://daneshyari.com/article/5785612>

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