### Accepted Manuscript

Application of ANFIS-Based Subtractive Clustering Algorithm in Soil Cation Exchange Capacity Estimation Using Soil and Remotely Sensed Data

Ali Keshavarzi, Fereydoon Sarmadian, Jalal Shiri, Munawar Iqbal, Rebecca Tirado-Corbalá, El-Sayed Ewis Omran

PII: S0263-2241(16)30558-9

DOI: http://dx.doi.org/10.1016/j.measurement.2016.10.010

Reference: MEASUR 4372

To appear in: *Measurement* 

Received Date: 25 August 2015
Revised Date: 26 September 2016
Accepted Date: 6 October 2016



Please cite this article as: A. Keshavarzi, F. Sarmadian, J. Shiri, M. Iqbal, R. Tirado-Corbalá, E-S. Ewis Omran, Application of ANFIS-Based Subtractive Clustering Algorithm in Soil Cation Exchange Capacity Estimation Using Soil and Remotely Sensed Data, *Measurement* (2016), doi: http://dx.doi.org/10.1016/j.measurement.2016.10.010

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.

## **ACCEPTED MANUSCRIPT**

# Application of ANFIS-Based Subtractive Clustering Algorithm in Soil Cation Exchange Capacity Estimation Using Soil and Remotely Sensed Data

Ali Keshavarzi <sup>a\*</sup>, Fereydoon Sarmadian <sup>a</sup>, Jalal Shiri <sup>b</sup>,

Munawar Iqbal <sup>c</sup>, Rebecca Tirado-Corbalá <sup>d</sup>, El-Sayed Ewis Omran <sup>e</sup>

<sup>a</sup> Laboratory of Remote Sensing and GIS, Department of Soil Science, University of Tehran, P.O.Box: 4111, Karaj 31587-77871, Iran

<sup>b</sup> Water Engineering Department, Faculty of Agriculture, University of Tabriz, Tabriz, Iran

<sup>c</sup> Department of Chemistry, Qurtuba University of Science and Information Technology, Peshawar 25100, KPK, Pakistan

<sup>d</sup> Department of Agro-Environmental Sciences, University of Puerto Rico-Mayagüez, Puerto Rico, USA

<sup>e</sup> Soil and Water Department, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt

\*Corresponding author:

Ali Keshavarzi

E-mail: alikeshavarzi@ut.ac.ir

Tel and Fax: +98 (26) 32231787

#### Download English Version:

# https://daneshyari.com/en/article/5006953

Download Persian Version:

https://daneshyari.com/article/5006953

<u>Daneshyari.com</u>