



# American Journal Of Engineering Research

ISSN (online) : 2320-0847

ISSN (print) : 2320-0936

## Certificate for Publication

This is certify that the paper entitled “**Characterization of Unsaturated Shrink-Swell soils properties, and Factors Affecting Swelling Behaviour of Expansive soils in Egypt.**” has been published in "American Journal of Engineering Research" journal with following details:

Authors Name : [Fayek Hassona](#), [Remon I.Abdelmalak](#), [Beshoy M. Hakeem](#)

Journal Name : [American Journal of Engineering Research](#)

Publication : [Volume 9, Number 4, 2020](#)



Editor-In-Chief, AJER  
Mail id: [ajer@editormails.com](mailto:ajer@editormails.com)  
Website: [www.ajer.org](http://www.ajer.org)



[www.ajer.org](http://www.ajer.org)