



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	Ms_BJAST_34402
Title of the Manuscript:	Hydraulic properties of unsaturated soils: A novel procedure
Type of the Article	Journal Paper

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments	This paper needs complete editing check. Throughout the manuscript there are two consecutive words without a space in between. Please correct. I have inserted sticky notes with few suggestions and corrections. Please implement them. Please add some recent work done. For instance, the authors could cite very recent work done by Patil et al. 2016 in introduction literature as below: 1). Patil, U. D., Hoyos, L. R., and Puppala, A. J. (2016). "Modeling essential elastoplastic features of compacted silty sand via suction-controlled triaxial testing." International Journal of Geomechanics, 16(6), pp. 22, DOI: 10.1061/(ASCE)GM.1943-5622.0000726, D4016012. 2). Patil, U. D., Puppala, A. J., and Hoyos, L. R. (2016). "Characterization of compacted silty sand using a double-walled triaxial cell with fully automated relative humidity control." Vol. 39, No. 5, Geotechnical Testing Journal, ASTM, pp. 742-756, http://dx.doi.org/10.1520/GTJ20150156, ISSN 0149-6115.	The paper has been revised and corrected bugs. Special attention was paid to a native speaker of English. In addition, all the suggestions marked in the paper were considered and were very appropriate. Recent works, which were recommended to add, proved to be very appropriate for the great contribution in SWRC determination. This helped us to take into account a device with such capabilities in order to do future research work. The above mentioned works helped us to establish the relation between the parameters that form the SWRC, its definition and the methods used to determine it. Therefore, they were considered in section 2.3 Soil-Water Retention Curve. "In recent works, Patil et al. [22] used the Tempe Cell to evaluate the SWRC of a silty sand up to the 500 kPa matric suction values and for values beyond the 10,000 kPa used the steam balancing technique using an automatic chamber ff relative humidity (Auto-RH). The latter device has been used to characterize [22] and model the elastic characteristics of compacted arenas [23]."
<u>Minor</u> REVISION comments	See above comments in Major revision.	No comments
<u>Optional/General</u> comments	See above comments in Major revision.	No comments