



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_43941
Title of the Manuscript:	Excel Approach for Infiltration Capacity for Different Lands
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Thanks for addressing most of the comments. The reviewer would like to see the functionality of this methodology is proven before considering to accept this article. Please break down your data into a calibration group and validation group to test the predictive power of this methodology. You can keep your current results (using all data), and create a new section for the validation (using calibration/validation groups). You can group your data together using soil texture and/or land use as the common attribute(s) to achieve a larger number of data points in the calibration and/or validation groups. Also, please provide discussions about how soil texture and land use can affect your equations, preferably using a multiple regression approach as stated in the previous review.	Done ** Section 3 is divided into 4 sub-sections, <u>as follows</u>: 3. RESULTS AND DISCUSSION, Line 101 3.1 Polynomial infiltration model of Excel approach, Line 103 3.2 Validation of Polynomial infiltration model, <u>NEW</u> Lines 293:306, including a new figure (Fig. 15) and a new ref. (Ref. 18) 3.3 Analyses employing Horton and Kostiaikov infiltration models, Line 308 3.4 Types of land cover and soil texture for Polynomial, Horton and Kostiaikov infiltration models, <u>NEW</u> Lines 371:418, including two new tables (Tables 16 and 17) ** Lines 444:455 are added to the conclusions. ** Lines 23:24 are added to the abstract.