

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_91224
Title of the Manuscript:	Evaluation of Embankment Stability of Soil Reinforced with Vetiver Grass Using Finite Element Method
Type of the Article	

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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments	<ol style="list-style-type: none">1. Line No.: 123-125 What is the average or mean depth of vetriver roots?2. What is the composition and grain-size distribution of: Filling material 1, Filling material 2 and filling material 33. After performing analysis based on FEM present the deformation/slope failure Sketches. Compare these figures highlight the outcome.	
Minor REVISION comments	<ol style="list-style-type: none">1. Line 117-119; Instead of adopting triangular elements, 8-noded isoparametric elements would yield more precise results.2. Lines with (Word/letter) red colour require editing	
Optional/General comments	<ul style="list-style-type: none">• Needs better English; At many locations, it is Colloquial• A good research work with poor presentation	

PART 2:

	Reviewer's comment	Author's comment (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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	S. Suppiah
Department, University & Country	Periyar Maniammai Institute of Science and Technology, India