



SDI Review Form 1.6

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_36868
Title of the Manuscript:	BIOREMEDIATION OF HEAVY METALS IN THE SOIL BY PSEUDOMONAS AERUGINOSA AND TRICHODERMA HARZIANUM USING SOLANUM LYCOPERSICUM AS TEST PLANT
Type of the Article	Original Research 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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	<p>Results. They are difficult to understand, there are lack of information's: How much are the concentrations of all the metal studied in the contaminated water? How much of this metals were added to the soil? How long did the experiment last?</p> <p>Transform the eight figures into two with a clearer caption. Ex. The title could come: in sterilized soil with one or daily applications (? Days) of water contaminated with metals. The figures shown may come side by side. Then Figure 2 to the plant.</p> <p>Change PPM of the Figures to ppm.</p> <p>Discussion</p> <p>There are conceptual errors. Heavy metals do not degrade, they undergo transformation, dissipate, etc.</p> <p>If heavy metals were absorbed by the microorganisms, analysis of residues analyses by spectroscopy would show their presence.</p>	
Minor REVISION comments	<p>Pag 1.abstract –line 11 change for degrading heavy metal for transforming heavy metals</p> <p>Pag 1 line 27 – say :Keywords and instead Biodegradation say Phytoremediation</p> <p>Pag to line 57: Instead, degradation use transformation.</p> <p>Pag 2. Material and methods:</p> <p>Lines 77 and 82 say Petri dishes instead petri dishes</p> <p>Line 84- the word "plate" is repeated.</p> <p>Line 88 - add how sterilization was performed</p> <p>Pag3 – results are difficult to be visualized.</p>	
Optional/General comments		

Reviewer Details:

Name:	Regina Teresa Rosim Monteiro
Department, University & Country	Nuclear Energy in Agriculture, University of Sao Paulo, Brazil