SDI Review Form 1.6

Journal Name:	**International Research Journal of Pure and Applied Chemistry**
Manuscript Number:	**2013_IRJPAC_5890**
Title of the Manuscript:	**Removal of Fe(II) from Aqueous Solution by Maize Stalks as a Cheap Biosorbent**
Type of the Article	**Research 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:

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

SDI Review Form 1.6

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	Formula in equation 1 is wrong except it be multiplied by 100. Results if presented in the stated form are incorrect. The unit for qe in equation 2 is correct. This however is only true if author did uses and expresses volume in dm^3 and not ml or cm^3 as stated in manuscript $q_e = (Co - Ct)\frac{v}{w}$ Unit of qe= mg/L X g/L = mg/g For qe values to be valid, Volume must be computed as L or dm^3 not ml or cm^3 Author shoud proceed by explaining surface coverage based on the 3 constants (qm,b and R_L) derived from the Langmuir isotherm plot as well as stating the extent of deviation from heterogeneity since the freundlich plot also gave high +ve correlation value. This is the main adsorption phenomenon here	- done - done -
Minor REVISION comments	under materials and method. You may either describe or reference standard methods for investigating contact time, initial metal concentration, adsorbent dose, stirring rate, pH and temperature under Materials and Methods. Click on the comment sticky note on the forwarded manuscript and treat accordingly.	-

		-
Optional/General comments	Article is original and contributes to knowledge. Tables and results for validation of some of the results as argued in equation 1 and 2 were not presented. Author may resubmit If these are mere topographical errors. Else, the article may lack merit	-