



SDI Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_27857
Title of the Manuscript:	QUANTIFICATION OF PHOTOSYNTHETIC PIGMENTS OF PLANTS, WATER AND SEDIMENT SAMPLES IN CHIRACKAL AND KATTIPARAMBU OF ERNAKULAM DISTRICT, KERALA
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:

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



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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)
<u>Compulsory</u> REVISION comments	<p>Abstract should not contain parts: Aims, Place and duration of study, methodology, results.</p> <p>Abstract should briefly inform about the achieved results.</p>	
<u>Minor</u> REVISION comments	<p>Chlorophyll content shall be given as mg.g^{-1}.</p> <p>Why have you in abstract and in results %?</p> <p>In the methodology should be except estimation of pigments also referred about: place (indicating country), duration of study, the biological and chemical materials, instruments used.</p> <p>What is the meaning of signs in Figure 1: CAOC CRM, Price, KAO, KRN, KEA and KSA?</p> <p>What is the meaning of signs in Figure 2 and 3: : K-1, K-2, K-3, C-1, C-2, C-3?</p> <p>Table 1 is unclear, unreadable and useless. It needs to be omitted.</p> <p>Instead Table 1 I recommend insert a table with the results with content of chlorophyll a, chlorophyll b, total chlorophyll (mg.g^{-1}), in four selected mangrove plants (<i>Avicennia officinalis</i>, <i>Excoecaria agallocha</i>, <i>Rhizophora mucronata</i> and <i>Sonneratia alba</i>), in water and sediment samples within 3 years.</p>	



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	In conclusion, it should be explained who will use and how to use the achieved results?	
<u>Optional/General</u> comments	For us it is customary measurements at 660 nm (chlorophyll a) and 642.5 nm (Chlorophyll b).	

Reviewer Details:

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