



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_37455
Title of the Manuscript:	Land evaluation for site specific pigeon pea (Cajanus cajan) - sorghum (Sorghum bicolor) management - A case Study of Mormanchi Microwatershed, Gulbarga District, Karnataka, India
Type of the Article	Case study

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)
Compulsory REVISION comments	I appreciate the effort done by the authors in this research paper because there is a need to understand and identify the land resources evaluation for site specific pigeon pea and sorghum management and determine for optimum land use at farm level and more production. For that I recommend to accept this manuscript to be published in your reputed journal after major revisions. This esteemed work is needed to be written in a way discussing and illustrating the methods used for the land suitability of Cajanus cajan) and Sorghum bicolor. These are some comments may help to enhance the representation of this work. The technique used in this research has not introduced new/innovative work in this paper. Therefore, accuracy assessment for the result should be made and clearly mentioned the percentages should be incorporated into the result and discussion, with implications on the future of the study area. 1 - ABSTRACT section Abstract seems very introductory and doesn't contain any statement about the advantages or disadvantages of Geospatial techniques used and with methods and its specifications. 2 - INTRODUCTION section Introduction has very less standard references about the geospatial techniques and Methods used in this study; explaining the recommendations of this techniques by the previous studies. 3. MATERIAL AND METHODS section Methods for preparation of different thematic maps not mentioned clearly example land use mapping etc, 4. RESULTS AND DISCOUSSIONS There no mention about the accuracy assessment and how it helped in the distribution measurement. The legend of all maps could be magnified	1 - ABSTRACT section This study followed by FAO land evaluation, we have not used geospatial techniques, so have not mentioned the advantages or disadvantages of Geospatial techniques, methods and its specifications. 2 - INTRODUCTION section Cartosat-1 and LISS-IV merged satellite data was carried out with the preparation of landform map as prerequisite for field survey as per standard guidelines given in Soil Survey Manual. Land evaluation classification was undertaken according to the FAO system to assess the suitability of the studied area. Geostatistical techniques are not used in this study of land evaluation. Geospatial techniques and methods are used in another article which is under process to communicate soon. 3. MATERIAL AND METHODS section Methods for preparation of different thematic maps are mentioned as land evaluation process. 4. RESULTS AND DISCOUSSIONS All maps with legends are magnified.
Minor REVISION comments		
Optional/General comments		