



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_25349
Title of the Manuscript:	Study of hydrological parameters in Sine Saloum River basin in a context of climate change and variability
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>)



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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	<p>1. Abstract : Should contain in short aim, objectives and important findings and utility of the study.</p> <p>2. Introduction : to be precise, short and to be written in small paras. Try to avoid too many references.</p> <p>3. Study area and data : present figure is not clear with lat/long, rivers & basin and not showing physiographic features. It is just copied from site. Whether there is only one station viz. Foundiounne or the study region is river Sine-Saloum upto Foundiounne?</p> <p>4. Results and discussion : line no.178 to 179- we have counted 13 deficit years (30%)..... ? 13 or 30 deficit years? pl. correct.</p> <p>5. Line No. 189 – Decadal period (10 yrs) should be well defined as 1971-1980, 1981-1990, 1991-2000, 2001-2010 and just mention the remaining 2011-2012 as recent period.</p> <p>6. Fig.6 (d) is missing – Pl. check.</p> <p>7. Line No. 214 – pl. correct Figure 4 as Figure 4e.</p> <p>8. Line No.244 – The 1971 is the most deficit year and 2007 the most surplus year whereas Line 272 and 297 - 1971 is the wettest year and 2007 is the least rainy. There is confusion between these sentences. Would author like to comment on this?</p>	
Minor REVISION comments	Avoid Repetition of words in the sentences.	



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<u>Optional/General</u> comments	<p>1. Authors have studied rainfall variation in Sine Saloum river basin with special emphasis on drought indices. Therefore, I would like to suggest to change the title of the paper accordingly as they have not considered many of the hydrological parameters.</p> <p>2. The topic is interesting and can be made more informative by giving physiographic features, temp.-rainfall variation, wind pattern, causes of droughts and annual discharge over the study basin,</p> <p>3. Most of the references are from Ph.D. thesis or conferences etc, besides many of the referred papers are in different language (other than English) therefore couldn't refer them.</p>	
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Reviewer Details:

Name:	S.S.Nandargi
Department, University & Country	Indian Institute of Tropical Meteorology, Pune, India