



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_13031
Title of the Manuscript:	Rising temperature and declining rainfall – a threat to water security in northern region of Ghana
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	1) Please rewrite the Abstract for giving more detailed results in this study. 2) Please add a figure to show the study area with the location of the research stations. 3) Please redraw the figures for more clearly to understand. For example, give more detailed notation, mind the distance between the figure and characters.	NOTE: CORRECTIONS ARE IN GREEN 1. Improved with additional details 2. Map of the area added 3. Adjusted and added some details
Minor REVISION comments	1) Line 69: "...wwhich represent..." should be "...which represents..."; 2) Lines 112, 123, 153, 160, 163: "figure 1 a, b and c" should be "Figure 1 a,b &c...". 3) Lines 115 and 149: "...table.." should be "...Table...". 4) Line 187: After "...the people in the north.", you can add "All these precipitation and temperature variations are like to cause water problems including floods (Duan et al., 2014), deterioration of water quality (Duan et al., 2013a; 2013b) and so on. 5) Based on 4) you may add the following references: • Weili Duan, Bin He, Kaoru Takara, Pingping Luo, Daniel Nover, Yosuke Yamashiki and Wenrui Huang, Anomalous atmospheric events leading to Kyushu's flash floods, 11-14 July 2012, Natural Hazards, 73(3): 1255-1267, 2014. • Weili Duan, Kaoru Takara, Bin He, Pingping Luo, Daniel Nover, Yosuke Yamashiki, Spatial and temporal trends in estimates of nutrient and suspended sediment loads in the Ishikari River, Japan, 1985 to 2010, Science of the Total Environment, 461: 499-508, 2013. • Weili Duan, Bin He, Kaoru Takara, Pingping Luo, Daniel Nover, Netrananda Sahu, Yosuke Yamashiki, Spatiotemporal evaluation of water quality incidents in Japan between 1996 and 2007.	Done Corrected Considered, thanks



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	Chemosphere, 93(6): 946–953. 2013.	
<u>Optional/General</u> comments	The topic is interesting for the journal's readership. However, in my opinion some above issues should be addressed and improved before the manuscript can be published.	I have addressed the issues and hope that the paper will meet the standard for publication.