



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Agriculture and Forestry
Manuscript Number:	Ms_AJRAF_48853
Title of the Manuscript:	Quantitative & Qualitative Perspectives of Forest-Water Interactions at Catchment Scales
Type of the Article	Policy 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>All the summary is descriptive, where present the role of forest in the supply of clean water for variety of uses, and also defending soils from erosion. The qualitative as well as quantitative aspects of forest water and their influences on variety of far sighted developmental activities for any nation, was aborted in the abstract. The abstract provides no methodology related to the research topic. The abstract does not specify the strategy to be applied for carrying out the implementation of the following objective: "This paper offers certain food for thought by summarizing the relevant scientific consensus of key aspects of forest-water relationships; accommodating water quantity, quality & pollution issues in such catchments. It includes couple of wider aspects towards 'forest-water interactions' and 'water quality and pollution facets.'"</p> <p>Finally, the abstract does not show any outstanding results or expected results in the study. As it is documented research and descriptive work, all the above-mentioned information was gathered from the following sources: Ellison et al, (2017). Riitters et al, (2016).; Hamilton (1985) and Wagener et al, (2010).; FAO (2016); UNESCO (2017). In short, the work is very extensive, it is recommended to reduce the spread of the following sections:</p> <ol style="list-style-type: none"> 1. Concretized the abstract. 2. Adjust the extent of the Introduction, forest water quality and climate change. 3. Collating references to the text and vice versa. Correct the following references: <ul style="list-style-type: none"> • Add the names of the co-authors and their initials reference name to "Ellison, David et al." • To register the initials name the following authors "Riitters, Kurt; Wickham, James D., Wickham Jennifer K Costanza, Jennifer K., and Vogt" • 	
Minor REVISION comments	<p>Line 29: change "they often acts" to "they often act". Line 56: Change "Ellison et al (2017)" to "Ellison et al., (2017)" Line 77: change "but also to perform a variety of favourable functions" to "but also, to perform a variety of favorable functions". Line 139: The reference "Hamilton (1985)" was not reported in the bibliography.</p>	
Optional/General comments	<p>It is a compilation of information on the following aspects:</p> <ol style="list-style-type: none"> A. The availability of water on the planet, the deforestation and anthropogenic land-use alterations & their effect on climate, ecosystems, water, and thus the sustainability of livelihoods and the survival of species. B. The role of forests on the water cycle (control stream flow, care ground water recharge, and through evapotranspiration bestow to cloud generation and precipitation). C. The bio-physical control and its effect on the natural purifiers, filtering water and reducing soil erosion and sedimentation of water bodies (forest-water interactions). D. Health of forests and improvement of water and environmental quality, and their interaction with water and soil in variety of ways (providing canopy surfaces and evaporation back into atmosphere). E. The plant sizes, canopy density, litter floor and root systems of forest plants. Environmental functions (control of water and wind erosion, protection of headwater and reservoir watershed and riparian zone, sand-dune and stream-bank stabilization, landslide and avalanche prevention, preservation of wildlife habitats and gene pools, mitigation of flood damage and wind speed, and sinks for atmospheric carbon 	



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	dioxide). F. Issues and Viewpoints Towards Water Resources Anomalies (population explosion, cultures & industries, basic knowledge/foundations for managing water & forested watersheds).	
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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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