

## Review Form 1.7

Journal Name:	<b>Asian Journal of Probability and Statistics</b>
Manuscript Number:	<b>Ms_AJPAS_103995</b>
Title of the Manuscript:	<b>Singular Spectrum Analysis to Identify Excessive Rainfall</b>
Type of the Article	<b>Method Article</b>

### **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:

(<https://www.journalajpas.com/index.php/AJPAS/editorial-policy> )

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b><u>Compulsory</u></b> REVISION comments</p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>The manuscript is important for scientific community because in long-term precipitation forecasts with full uncertainty this research using a unique spectrum analysis approach to extract trends; seasonality, cyclists and noise can be identified with potentially high accuracy. This can be a reference in many matters, such as engineering planning, especially for water infrastructure such as irrigation, dams, and urban drainage. Besides that, this information can be an illustration for local governments in making policies.</p> <p>The title of the article is suitable.</p> <p>The abstract of the article is comprehensive.</p> <p>Subsections and structure of the manuscript are appropriate.</p> <p>I think the manuscript is scientifically correct.</p> <p>The references are sufficient and recent, however the list of references is not numbered, nor written according to the instructions for authors (Books, Conference Papers, Websites). In the text of the paper, all references are not listed with a consistent reference number in square brackets.</p>	
<p><b><u>Minor</u></b> REVISION comments</p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Language/English quality of the article is suitable for scholarly communications.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<p>-The subtitle and sub-subtitle (2 and 2.1) must be on the same page as the accompanying text of the paper.</p> <p>-All equations should be numbered according to the instructions for the authors.</p> <p>-Subtitle 3.3 (Singular Spectrum Analysis) should be marked with 3.1</p> <p>-Mark pictures (tables) in accordance with the instructions for authors and on the same page.</p> <p>-Form tables 1, 3 and 6 like other tables in the text.</p> <p>-In the conclusion of the work, state only your own conclusions without citing other people's references</p> <p>-Missing section: Acknowledgment and Conflict of interest.</p>	

**PART 2:**

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

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**Reviewer Details:**

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