

BPI Review Form 070520

Book Name:	Science and Technology: Recent Updates and Future Prospects
Manuscript Number:	Ms_BPR_949
Title of the Manuscript:	Water Quality Assessment using Association RuleMining for River Narmada
Type of the Article	Book Chapter

PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)</i>
Is the manuscript important for the scientific community? Please write a few sentences explaining your answer	The manuscript is important to the scientific community. It provides another perspective related to the assessment of water quality with data mining approach.	
Is the title of the article suitable? Do you have any alternative Title in your mind?	I think the title is suitable related to the content	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	No. please specify a bit the introduction of the research and its problem statement before the objective of the research is delivered. Please also provide the future direction and recommendation.	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	I think this English quality is appropriate, there are small typo but it can be modified easily.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	I think the section may start by: <ol style="list-style-type: none"> 1. The fundamental of data mining including the steps of data mining in the KDD (Knowledge discovery data base) 2. Association rules mining concept and process, support and confidence value as well as lift value. 3. Preparation of data and data mining software, explain about weka, and association rule mining used in weka. 4. Apriori algorithm please also provide the concept of apriori algorithm, how it works, the rule of this algorithm 5. Related workson association rule mining in the water quality assessment model. 6. Case study: it contains the research conducted in this document. It start with part of introduction (1) which is moved to this section followed by, experimental dataset (2).....(11) conclusion. The chapter will be closed with(12) closing and recommendation. 	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	The reference is limited. Please add more recents references, recent book of Weka, recent articles related to water assessment quality with association rule mining at least 10 years ago.	

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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>	

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