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| Book Name: | [Engineering Research: Perspectives on Recent Advances](https://www.bookpi.org/bookstore/product/engineering-research-perspectives-on-recent-advances-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4261** |
| Title of the Manuscript:  | **STUDY ON COUNTERMEASURE OF SCOUR IN DOWNSTREAM OF WEIR STILLING BASIN USBR TYPE** |
| Type of the Article | **BOOK CHAPTER** |

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| PART 1: Comments |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | The authors conducted a good number of experiments, and the overall study is up to the mark. However, the presentation of the sections in this paper is not up to the mark |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Countermeasures for Scour in the Downstream of USBR-Type Weir Stilling Basins |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract seems to be poorly written. Here are a few suggestions:1. The term 'diameter' needs clarification—does it refer to the size of the sediment? The authors should specify this clearly.
2. Expand 'USBR' in the abstract to provide clarity for reader.
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| **Is the manuscript scientifically, correct? Please write here.**  | Partly fulfilled, and the authors have worked hard to obtain the results. Here are a few suggestions from my side:**Introduction:**1. The paper does not include any references from the last three years—why? Including recent studies would improve readability and relevance.
2. 'lt/sec' is not a standard nomenclature; use the appropriate unit format.

**Research Method:**1. It is not clearly explained how the scour depth was measured—please clarify.
2. Include a grain size distribution curve for better understanding.

**Section 3.1.1:**1. Ensure the text in paragraphs is clear and easy to understand.
2. In some figures, the numbers are not legible (e.g., Fig. 13).
3. In Fig. 14, the time axis lacks units—please include them.
4. In Fig. 20, what does 'Waktu' mean? Provide clarification
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| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | Not sufficient, more number of refernces needed here, last three years papers are to be included. |  |
| Is the language/English quality of the article suitable for scholarly communications? | No, it needs improvement; the quality of the English is very poor |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | **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)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** |
| Name: | **P. Laxmi Narayana** |
| Department, University & Country | **Aditya University, India** |