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| Book Name: | [**Geography, Earth Science and Environment: Research Highlights**](https://www.bookpi.org/bookstore/product/geography-earth-science-and-environment-research-highlights-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4476** |
| Title of the Manuscript: | **Utilization of Flooding Control Strategies in Recharging Water Reservoirs** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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 content of the manuscript is quite important in the development of current science, namely related to efforts to artificially recharge groundwater for sustainable water balance. However, the relationship between the title of the manuscript and the contents of the manuscript is not yet appropriate. The title of the manuscript should be: Artificial groundwater recharging efforts to maintain sustainable water balance.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Revision required** |  |
| 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. | **Abstract is the essence of the writing that covers 3 questions: why - how - what for. Title: UTILIZATION OF FLOODING CONTROL STRATEGIES IN RECHARGING WATER RESERVOIRS, should answer why the utilization of flood control is a strategy in recharging water reservoirs (strengthened in the literature review), then how the method is, and its uses.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The paper discusses rainwater harvesting, with its various methods, then an explanation related to groundwater recharge with its various methods, artificial groundwater application issues and environmental impacts, advantages and disadvantages, operating and maintenance systems and case examples. Then suggestions are made regarding future research, then as a conclusion it is stated regarding the importance of the artificial groundwater recharge option to be applied widely.**  **I did not find any connection between the title and the discussion in this article, because there is no explicit discussion regarding flood control.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **If the title is chosen to remain, then references and explanations are needed regarding flood control and its correlation with rainwater harvesting, which has been explained extensively.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | I have no comment |  |
| Optional/General comments | Can be selected with the title of the manuscript remaining the same, but requires an explanation regarding flood control, or the title of the manuscript can be revised according to suggestions |  |

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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: | **Susilawati Cicilia Laurentia** |
| Department, University & Country | **University of 17 August 1945 Semarang, Indonesia** |