

Simbi: historical hydro-meteorological time series and signatures for 24 catchments in Haiti

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Answer to the reviewer 1

Please find below our replies to the Reviewer's comments. We provided specific responses (in black) the reviewer comments (in *italic and blue*).

The authors did a thorough job of responding to the reviewer comments and have done a lot of work to improve the manuscript. I suggest to publish the paper as is. The first folder level of the dataset should only contain folders except the readme file. Therefore, I suggest creating additional folders: e.g. 06_SIMBI_simulation, 07_SIMBI_Codes, 08_SIMBI_metadata and add the corresponding csv files. I would rename the folder 05 to 05_SIMBI_WEIGHTS and add the file SIMBI_weights_temperature.csv. Folder 04 contains one underscore too much in its name "04__SIMBI_MAP".

Next time I recommend using Zenodo for data storage. There the folders are not compressed multiple times (tedious).

We thank the Reviewer 1 for this detailed review and helpful comments. Your comments have been taken into account in the organisation of the database folders. The first folder level of the dataset currently contains 9 folders and the readme file. A folder 06_SIMBI_SIMULATION has been created containing the results of simulations with the GR2M and GR4J models. A folder 07_SIMBI_CODES has been created and contains the r-code file. A folder 08_SIMBI_METADATA has been created and contains the metadata of the rain gauges and flow stations. Folder 05_SIMBI_WEIGHTS_RAINGAUGE has been renamed to 05_SIMBI_WEIGHTS and the file SIMBI_temperature_weights.csv has been added to this folder. The extra underscore in folder 04__SIMBI_MAP has been removed.