10 June 2024

Editor decision: Publish subject to revisions (further review by editor and referees) by <u>Frederick Sperna Weiland</u>

Public justification (visible to the public if the article is accepted and published): The article presents a novel approach to augmenting historical records to improve flood frequency analysis. The article is well written and fits HESS well. The two reviewers provided good and detailed comments to make further improvements to the manuscript. The manuscript could mainly still benefit from a reduction of the results section to the key messages. Please revise accordingly.

11 June 2024

Version 2 by Michel Lang

According to the editor decision, the manuscript has been revised with a reduction of the conclusion to the key messages. The ratio between version 1 and version 2 is about 56-57% : from 829 words and 58 lines towards 461 words and 33 lines.