



EGUsphere, referee comment RC1
<https://doi.org/10.5194/egusphere-2022-7-RC1>, 2022
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Comment on egusphere-2022-7

Anonymous Referee #1

Referee comment on "More than heavy rain turning into fast-flowing water – a landscape perspective on the 2021 Eifel floods" by Michael Dietze et al., EGU Sphere,
<https://doi.org/10.5194/egusphere-2022-7-RC1>, 2022

This is a laudable article providing new and important background on the geomorphology and environmental conditions that lead to the damages. It is very informative, well written and helpful to national and international scientists. The style is rather descriptive and narrative, but common in certain fields of geomorphology and geography. Maybe a methodology section could help others to understand, how the data and information was retrieved; when, where, by whom etc. As another positive aspect, the text is quite easy to understand for non-specialists, too. Very informative analysis using aerial imagery of the gravel pit in Blessem, too.

Smaller comments:

Line 17 and other areas (not just the Ahr)

Line 18: is it a hazard or rather already a "hazard event" or "process"?

Line 56 explain a bit more, what "is difficult to manage"

Line 78 large parts of text seem to be based on the author's field observations and expert experience and knowledge, it seems. It would be helpful for readers to make this more explicit in some sections, such as 78 - 86. Maybe add something such as "we have witnessed at field observations in the Ahr area after the floods" or similar. Some claims without sources are a bit risky, as in Line 86.

Following text: the style is quite descriptive and narrative, as it is common in geomorphology, so I do not criticise it. But at certain claims, some more support could be added, when available. For instance, line 141-142, could you add some more detail such as (oral. com with affected citizens in VILLAGE, DATE...)?