

Hydrol. Earth Syst. Sci. Discuss., referee comment RC2
<https://doi.org/10.5194/hess-2021-343-RC2>, 2021
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Comment on hess-2021-343

Geoff Pegram (Referee)

Referee comment on "Rainfall patterns in the 24 East Asian mega-cities using a complex network" by Kyunghun Kim et al., Hydrol. Earth Syst. Sci. Discuss.,
<https://doi.org/10.5194/hess-2021-343-RC2>, 2021

Review

This is a short and sweet, very well laid out article with good explanations, development and description. It introduces a new idea (to me) called Complex network analysis, which is well introduced and developed. I enjoyed the sequence of figures concluding in an evocative image in Figure 7. The tables and Figures were well presented and organised.

From my point of view it is a go, once the suggested corrections are all annotated on the article, which I am returning with this review. I am highlighting the less trivial suggestions for correction below my signature, which is my wont. The annotated article is being returned for correction with my review.

Geoff Pegram

27 July 2021

Non-trivial comments, by line number followed by # with my suggestions:

85 Figure 2.

please expand your figure caption to tell us what the figure is trying to show the reader, before searching in the text. This comment applies to all figures and some of the more complex tables

Table 1:

this last figure '7' is in microns = 1×10^{-6}

- this is spurious - try 3 significant figures?

123 Eq 2

is this $k(i)$ an inverse-distance weight, like kriging?

272

indent or separate individual articles: also, include doi - please ensure all refs have one where available;

281 Ann, M. U., James, K., Vanessa, M., and Kate, W.: 2020 Global Supply Chain Disruption and Future Strategies Survey Report, Foley & Lardner LLP publications, Detroit, USA, 2020.

you referenced this article's lead author as Foley, when it should be Ann et al.

360 Zhil, W., Junyu, M., Meilin, Y., and Xiaochao, Y.:

Zhili !! I had to find the doi on the web. CHECK YOUR REFERENCES