RETRACTION

Retraction: Effects of the Forecasting Methods, Precipitation Character, and Satellite Resolution on the Predictability of Short-Term Quantitative Precipitation Nowcasting (QPN) from a Geostationary Satellite

The *PLOS ONE* Editors

After publication, concerns were raised about overlap in content published in this *PLOS ONE* article [1] and an article published in *Journal of Hydrology* [2]. There is overlap in the research objectives and conclusions, text overlap in the Methods and Results, and overlap between the following figures and tables:

- *PLOS ONE* Fig 1 (a1, a2, b1, b2, h1, h2) appears to duplicate *J. Hydrology* Fig 2(a-f)
- *PLOS ONE* Fig 2 panels are highly similar to *J. Hydrology* Fig 4 (b, f)
- *PLOS ONE* Fig 3a, b are highly similar to *J. Hydrology* Fig 6b, a
- *PLOS ONE* Tables 1 and 3 are highly similar to *J. Hydrology* Tables 1 and 3, respectively

The *Journal of Hydrology* article was not mentioned at the time of submission to *PLOS ONE*, and was not cited or discussed in the *PLOS ONE* article.

A member of *PLOS ONE*'s Editorial Board confirmed the overlap in content between the two articles and noted that while there are some additions to the *PLOS ONE* article relative to what was reported in *Journal of Hydrology*, these differences are not sufficient to represent a distinct publication.

In light of these concerns, the *PLOS ONE* Editors retract this article.

YL, DGX, and ZLL do not agree with retraction and stand by the article's conclusion. WJ could not be reached.

References

1. Liu Y, Xi D-G, Li Z-L, Ji W (2015) Effects of the Forecasting Methods, Precipitation Character, and Satellite Resolution on the Predictability of Short-Term Quantitative Precipitation Nowcasting (QPN) from a Geostationary Satellite. *PLoS ONE* 10(10): e0140044. <https://doi.org/10.1371/journal.pone.0140044> PMID: 26447470
2. Liu Y, Xi D-G, Li Z-L, Hong Y (2015) A new methodology for pixel-quantitative precipitation nowcasting using a pyramid Lucas Kanade optical flow approach, *Journal of Hydrology*, Volume 529, Part 1, Pages 354–364. <https://doi.org/10.1016/j.jhydrol.2015.07.042>.

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