

Interactive comment on “Rain Attenuation Prediction Model for Satellite Communications Based on The Météo-France Ensemble Prediction System PEARP” by Isabelle Dahman et al.

Anonymous Referee #1

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The paper "Rain Attenuation Prediction Model for Satellite Communications Based on The Météo-France Ensemble Prediction System PEARP" by Dahman and co-Authors presents a study on the use of a Ensemble weather modeling system to manage and control Satellite Communication systems. The Author make use of the precipitation fields produced by PEARP to estimate and forecast possible attenuation of the satellite signal, with the aim to optimize microwawe based data transfer, with relevant economic impact.

The paper is surely interesting and well writtem, with well supported conclusions. However, I think that its subject is rather far from the aim and scope of this journal. No

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reference to natural hazards or risks is reported: the subject of the paper seems to be an innovative application of meteorological forecast products. I suggest to resubmit the manuscript to another Journal more focused on weather forecast application, or, to better contextualize the work in a hazard framework, if they still want to resubmit to NHES. For this reason, I sugget the rejection of the manuscript in the present form.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-94>, 2018.

C2