

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

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I sincerely thank you for your time and consideration. NHESS journal is dedicated to studies on natural hazards and their consequences. Burton and all. define in [1] that “the term natural hazard refers to all atmospheric, hydrologic [...] and wildfire phenomena that, because of their location, severity, and frequency, have the potential to affect humans, their structures, or their activities adversely”. Satellite transmissions are today a must for the proper running of our societies but are vulnerable to rain falls. This paper proposes a strategy to reduce the costs involved by the atmospheric dynamic in the field of satellite communications. In that sense, it belong to the scope of

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NHESS journal. In [2] is an article published by NHESS. The latter aims at assessing the economic impacts of drought on sugar industry in China from the perspective of profit loss rate. This highlights that the submission to NHESS journal of an article dealing with the assessment of a weather dependent activity is consistency. [1] Burton, Ian, Kates, Robert W. (Robert William) and White, Gilbert F. (Gilbert Fowler), 1911- The environment as hazard. Oxford University Press, New York, 1978. [2] TY - JOUR A1 - Wang, Y. A1 - Lin, L. A1 - Chen, H. T1 - Assessing the economic impacts of drought from the perspective of profit loss rate: a case study of the sugar industry in China JO - Nat. Hazards Earth Syst. Sci. J1 - NHESS VL - 15 IS - 7 SP - 1603 EP - 1616 Y1 - 2015/07/23 PB - Copernicus Publications SN - 1684-9981 UR - <https://www.nat-hazards-earth-syst-sci.net/15/1603/2015/L1>

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