

Interactive comment on “50 years return period wet-snow load estimation based on weather station data for overhead line design purpose” by H. Ducloux and B. E. Nygaard

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Short summary of general comments: The paper is completely in accordance with the scope of the journal. The authors adapt and validate a model in order to estimate the wet snow accretion on structures in France. The study is a pre-condition for modelling, mapping and monitoring of potential hazardous wet snow accretions and their impact on overhead lines in countries with similar climatic conditions. It establishes links between new modelling concepts, recent versions of international standards and employs (new) long term data sets (meteorological as well as wet snow observation data). The paper is well structured, mostly clear and easy to understand. The methods

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are outlined clearly, the results are plausible and the conclusions are concise. Recommendation: Accept after minor revision.

The full comment was uploaded in the form of a supplement.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/2/C2104/2014/nhessd-2-C2104-2014-supplement.pdf>

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