

Interactive comment on “Estimation of regional differences in wind erosion sensitivity in Hungary” by G. Mezõsi et al.

Anonymous Referee #1

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Taking into account the specific environmental conditions Pannonian Basin, the article presents a method to estimate the regional differences in wind erosion sensitivity and exposure in this part of Europe. To get an accurate picture of the specific wind erosion in Hungary, we believe it is important to know and the following elements: - maximum wind speeds achieved in various regions of the country; - their frequency in the months with degraded vegetating and soils with low humidity; - frequency and duration of dry periods; - the minimum soil moisture value reached in the dry periods. As in fig. 11 shows an area with high sensitivity in NW of Hungary, for model validation is required insertion of a site-specific data in this region. The development of this method by applying GIS methods, and of course, the wind erosion sensitivity resulted maps, have a significant practical importance, especially for developing regional strategies for

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management of the territory.

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