

## ***Interactive comment on “Landslide susceptibility mapping of Cekmece area (Istanbul, Turkey) by conditional probability” by T. Y. Duman et al.***

**T. Y. Duman et al.**

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Reply of the authors for the comments of H. Yamagishi on “Landslide susceptibility mapping of Cekmece area (Istanbul, Turkey) by conditional probability” by T. Y. Duman et al.

As the authors of the above mentioned manuscript, we would like to express our sincere thanks to Prof. H. Yamagishi for his critical review, which will improve the quality of the paper. Based on the comments, the following corrections and revisions will be made and the final form of the manuscript will be resubmitted to the Editor.

Reviewer Comment - 1 : On the data, the author should make landslide distribution map. Because, he is dealing with the GIS techniques, but he is only dealing with the background conditions by the GIS. But, on landslides he is only case studies.

Reply of the Authors - 1 : We are agree with Prof. H. Yamagishi about his comment. Consequently, the areal extent of the landslides identified in the study area will be

shown on the maps.

Reviewer Comment - 2 : The abstract is too long. Should be shorten.

Reply of the Authors - 2 : The abstract will be shorten.

Reviewer Comment - 3 : The author should improve English.

Reply of the Authors - 3 : English will be improved.

Reviewer Comment - 4 : Legends in several figures are too small to be seen, and some symbols of graphs such as Fig.11 should be changed into lithogologic names from formation name, because the reader can not understand.

Reply of the Authors - 4 : Explanations and captures of the figures will be improved.

Reviewer Comment - 5 : The references are too many. He should select the references which he need.

Reply of the Authors - 5 : Some references will be selected and the others will be omitted. However, we think that majority of the references considered in the manuscript is very useful for the readers.

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Interactive comment on Hydrology and Earth System Sciences Discussions, 2, 155, 2005.

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