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Supplement of

Potential impact of climate change and extreme events on slope land hazard – a case study of Xindian watershed in Taiwan

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Supplement of Classified levels of average soil depth on different slopes

Table S1 Classified levels of average soil depth on different slopes; the soil depths and slopes were surveyed from the historical landslide area with the DEM before and after landslide (after Chen et al., 2010)

Slope (degree)	Shimen watershed northern Taiwan (m)	Dajia watershed middle Taiwan (m)	Landslides triggered by Typhoon Aere in Shimen watershed northern Taiwan (m)	Average (m)	Classified Levels in Figure 8 (m)
<20	1.41	3.04	0.32	1.59	1.5
20~30	3.13	4.19	2.82	3.38	3.5
30~40	3.51	5.33	4.27	4.37	4.5
40~50	2.17	3.49	1.98	2.55	2.5
>50	1.82	1.33	0.20	1.12	1.0

Chen, S. C., Wu, C. H., and Wang, Y. P.: The Discussion of the Characteristic of Landslides Caused by Rainfall or Earthquake, Journal of Chinese Soil and Water Conservation, 41, 94-112, 2010.