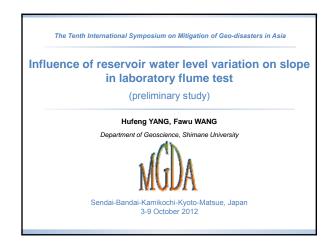
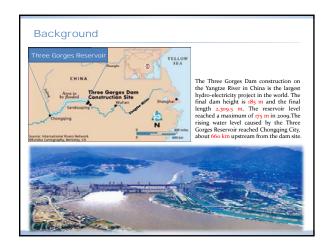
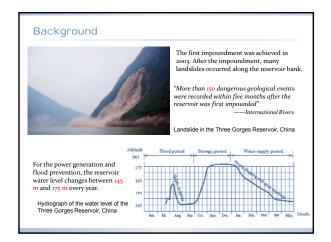


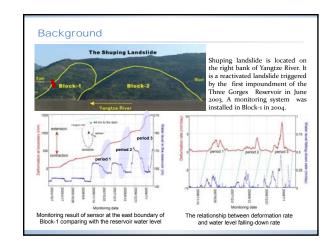


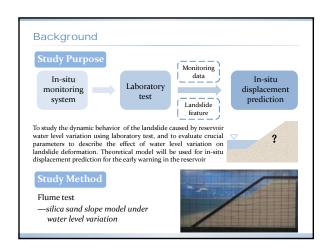
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Author(s)	Yang, Hufeng; Wang, Fawu
Citation	Kyoto Conference Proceedings (The Tenth International Symposium on Mitigation of Geo-disasters in Asia = 第10回地 震・地盤災害軽減に関するアジア会議及び現地討論会) (2012): 48-51
Issue Date	2012-10-07
URL	http://hdl.handle.net/2433/180435
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Туре	Presentation
Textversion	publisher

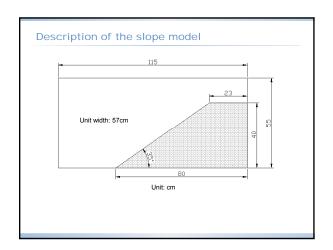


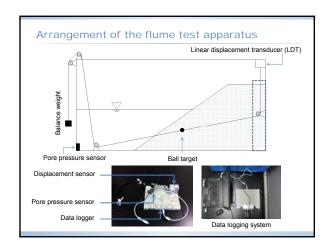


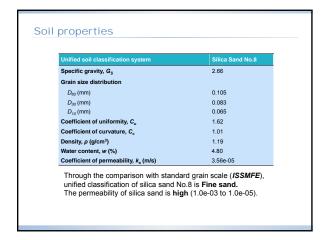


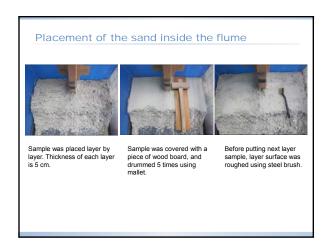


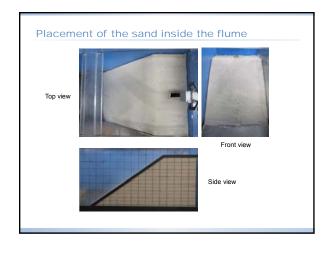




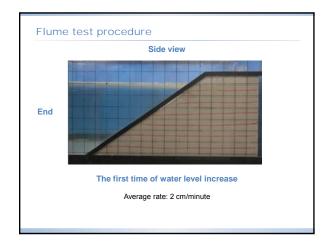


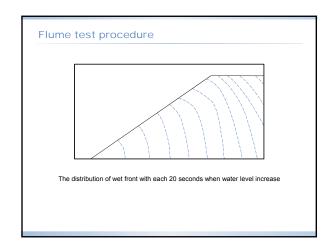


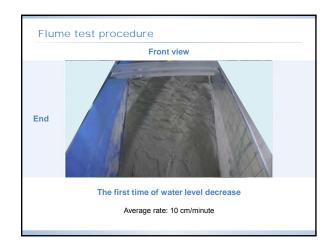


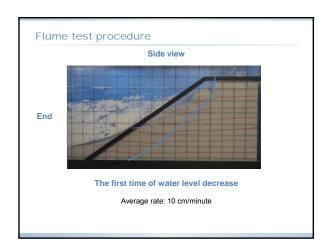


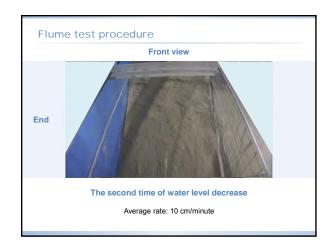


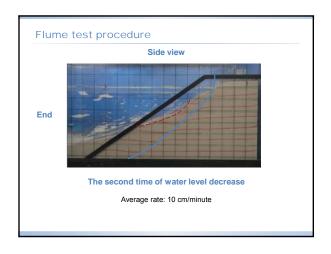


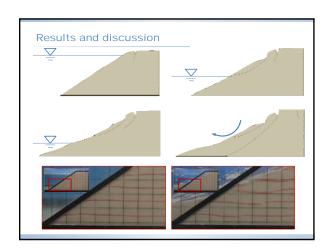


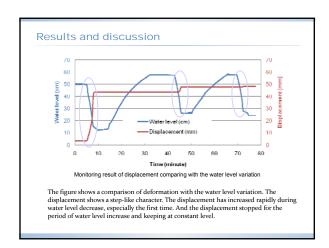


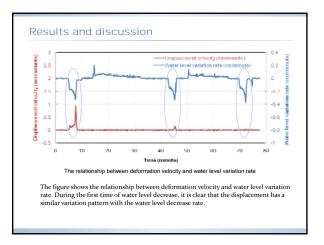












Conclusions

- ★ Test result conforms monitoring result of the Shuping landslide in the Three Gorges Reservoir, and reveals dynamic behavior of landslide caused by reservoir water level variation.
- ★ Movement of the slope corresponds to water level change. Especially, movement occurs during periods of reservoir water level decrease. A direct relationship between the water level variation and displacement velocity was found. When the water level decreasing rate increased, the slope displacement velocity increased correspondingly.
- ★ Based on the flume test, the prediction of landslide deformation in reservoir becomes possible.

Thanks for your attention!