



## Landslides Buffer Climate-Tectonic Interaction Clarke DeLisle\*, Brian J. Yanites Indiana University - Bloomington, Department of Earth and Atmospheric Sciences (\*cdelisle@iu.edu)



**Figure 1.** Aerial photos showing channel width before (left) and after (right) aggradation of sediment from Typhoon Morakot



Figure 2. Aggradation calculation process. Channel edge elevations (red circles) are used to create a plane representing channel elevation immediately post-Morakot (red dashed line). Volume between this plane and pre-Morakot surface (grey) represents channel aggradation (green shaded).



Figure 3. Channel aggradation mapped in one of 15 studied catchments.





incision." Nature Geoscience 5.7 (2012): 468.



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