

Table S1: Changes in integrated watershed generation threshold (T_{g-IWA}) and rising threshold (T_{r-IWA}) in each stage (2007-2018) before and after the earthquake in LXR experiment watershed.

Year	Pre-earthquake	Post-earthquake								
	2007	2008	2009	2010	2011	2013	2014	2015	2017	2018
T_{g-IWA}	111.47	109.34	110.67	109.97	110.69	112.06	112.39	112.55	111.17	112.20
$Tr-IWA$	259.70	250.72	252.76	253.20	252.29	256.48	256.93	257.93	257.35	258.33