A Hydro-Geomorphological Perspective on the Braunsbach Flashflood 2016

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Abstract

Following an unusual heavy precipitation of 105 mm on 29th May 2016 within 4 hours, intense rainfall events in southern Germany led to severe flash floods and debris flows in several municipalities in the German federal state of Baden-Württemberg. Particularly the south-western German town of Braunsbach witnessed flood outburst with massive amounts of rubbles and muddy sediments. The flash flood, as the combination of surging water with 42,000 m3 of sediment, was responsible for smashing numerous buildings, cars, and town facilities; leaving residents with damages and losses.