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## Brief communication "Report on the impact of the February 2010 earthquake (Chile, $M_w$ 8.8) on rockfalls in the Las Cuevas valley, Argentina"

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**Abstract.** Numerous rockfalls were detected in the Las Cuevas valley, Argentina, after the 27 February 2010 earthquake in Chile. Live rockfalls were observed during aftershocks of 11 March 2010. Many rockfall areas coincide with known thrust faults and some areas presented activity even after the tremors. Some rockfalls crossed the National Road 1 but no damages to houses or vehicles were reported. This study illustrates how the 27 February 2010 earthquake impacted on unstable slopes in the Las Cuevas valley far from the earthquake epicentre. It is an interesting addition to previous studies on landslides caused by earthquakes because of the magnitude of the event and of its aftershocks.

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