



## **Near real-time loss assessment from natural disasters**

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The reliable assessment of insurable and insured losses caused by natural catastrophes requires not only very complex and thorough risk assessment analysis tool, but also the versatility and flexibility of the software to use the particular parameters of the event. In other words, when accurate near real-time loss estimates are required, the loss estimate software should be able to use the particular magnitude and location of the event in the case of an earthquake, or the actual track and specific wind-speed fields measured from tropical and extra-tropical cyclones. In conjunction with this flexibility, a general loss assessment also requires as input, for the calculation of total insurable losses for a region or country, an industry exposure database. This paper presents a brief explanation of a particular software platform that possesses the aforementioned functionalities and summarises the results of loss estimates calculated and publicly published within less than 48 hours from the magnitude Mw 8.8 Maule, Chile, and the Mw 7.0 Christchurch, New Zealand, earthquakes.