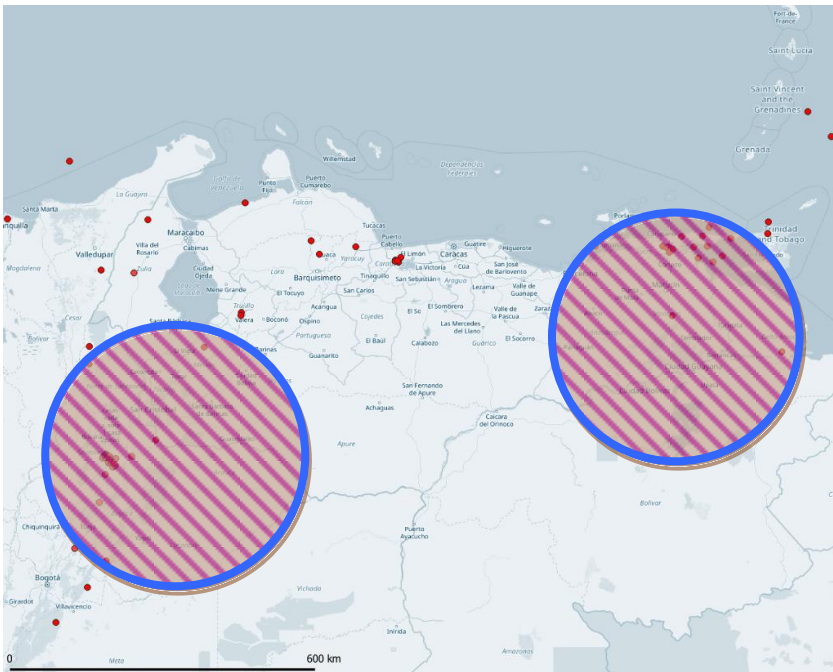


Earthquake Risk Transfer for Venezuela

Overview



On August 21, 2018, a magnitude 7.3 earthquake struck just off the northern coast of Venezuela, near Cariaco, Sucre. It prompted evacuations in Caracas, and caused shaking in Colombia, Guyana, Brazil, Grenada, Dominica, Barbados, St. Vincent and the Grenadines, St. Lucia, and Trinidad and Tobago, the last of which also suffered damage and brief phone and power outages from about 100 miles away. A tsunami is not expected, though the Pacific Tsunami Warning Center warned of wave potential, and an alert had been broadcast for tsunami waves along coastlines. In terms of damage, concrete fell from



the unfinished Tower of David skyscraper, blocking the sidewalk and closing traffic.

EPA Effect on Venezuela Probable Maximum Loss

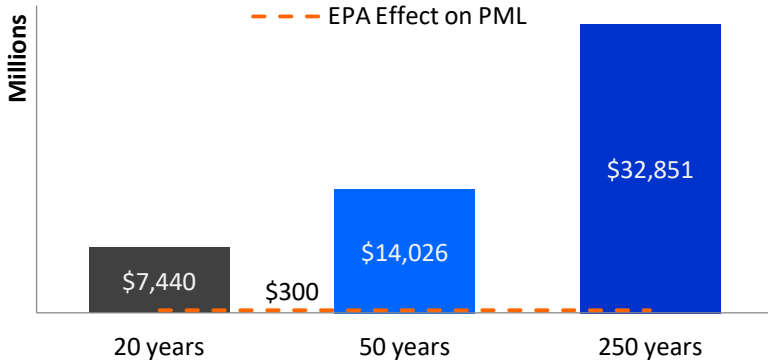


Figure 102. PML - Mean return period in years. EPA can help to expand the earthquake insurance penetration rate. But EPAs those are not supported by First Notice increases insurance loss. Venezuela earthquake Average Annual Loss is \$2,044 million (Venezuela, Bolivarian Rep of Disaster & Risk Profile, 2014).

Venezuela recent major earthquakes

Place	Date	Magnitude
San Diego	27-Dec-18	5.4
Sucre	21-Aug-18	7.3
Sucre	15-Jan-15	5.6

