

# Earthquake risk management in the insurance industry – status quo and Trends

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## Abstract

Natural hazards and earthquake risk in particular constitutes a major risk for result fluctuation for the insurance industry. Observed and expected losses from single events are increasing very dynamically. Since several decades, this industry is developing and applying probabilistic earthquake models to quantify and manage these risks from a financial perspective. The presentation focuses on the state-of-the art of current earthquake loss modelling for the insurance industry, anticipated developments and identify potential for further improvement with know-how from other scientific and engineering disciplines.

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