



# RQE® – Risk Quantification & Engineering

Catastrophe hazard risk – financial impact  
with comprehensive business insight

With the expanding catastrophe risk management needs of the P&C insurance and financial services industry, businesses are looking for increased confidence and transparency in model results, to drive business decisions and manage the potential financial impact of natural hazards. RQE® (Risk Quantification & Engineering) from CoreLogic® is one of the most comprehensive full simulation catastrophe modeling solutions in the market, informing underwriting decisions, pricing, diversification, portfolio accumulations and capital requirements. A statistically robust platform delivering high confidence outputs from 300,000 years of simulation, RQE enables users to run probabilistic analyses that evaluate all potential loss-causing catastrophic events—both gross and net of reinsurance contracts—improving overall decisions from point to portfolio.

## A Powerful Combination

The powerful combination of PxPoint™ parcel-level location, easy and flexible access to business insights, paired with broad geographical coverage, science and premium CoreLogic natural hazard risk data, helps businesses:

- ▶ Understand potential financial loss to properties
- ▶ Quantify the uncertainty and range in potential outcomes in modeled loss
- ▶ Identify the drivers of natural catastrophe exposed to a particular book of business
- ▶ Pinpoint post-event damage and loss and pre-storm landfall predictions
- ▶ Identify how to best optimize risk selection
- ▶ Structure and price insurance and reinsurance contracts

With RQE, those impacted by natural catastrophe risk are poised to make better business decisions, improve customer experience and mobilize response in hardest hit regions.

## Uniquely Innovative. Better Results.

Platform support for full simulation based modelling allows for assessment of insurance policy and reinsurance treaty terms. RQE from CoreLogic allows for the unique ability to model insurance policy conditions all the way from the portfolio level to the structure level.

CATASTROPHE  
RISK  
MANAGEMENT

## RQE Key Features:

- ▶ Natural hazard models spanning six continents
- ▶ Loss calculations simulate 300,000 years of losses
- ▶ Parcel-level geocoding from PxPoint
- ▶ Trusted and used by industry leaders
- ▶ Data visualization and reporting capabilities
- ▶ In compliance with regulatory requirements
- ▶ Transparency in model results

## Complete View. Complete Functionality. Complete Usability.

The RQE platform allows for flexibility in addressing access to business intelligence, data security requirements, and workflow integration and usability preferences.

**Ease of Access to Business Intelligence** – Detailed reporting and data visualization capabilities provide users quick and easy access to meaningful exposure and analysis output information.

**On-Site Software Installation** – Available for install at your place of business, RQE brings the data and information you need in your controlled secure environment.

**Seamless Integration** – RQE is designed to make your workflow easier. Our intuitive interface is easy to use and the underlying functionality can be personally customized with a seamless integration into your existing system to best support and improve your business workflow.

## Why Consider CoreLogic?

Increasing catastrophic events are challenging the P&C insurance industry to revisit existing catastrophic risk management and loss adjustment strategies by improving the overall understanding of all natural hazards. CoreLogic is dedicated to the science of understanding natural hazard risk. With a staff of Ph.D.-level scientists and engineers, we have taken risk assessment a step further by developing a proprietary methodology that assesses the risk of a wide range of natural hazards. Catastrophe Risk Management from CoreLogic offers a comprehensive look at risk by evaluating probable events, and verifying current and post event impact.

## About CoreLogic Insurance Solutions

CoreLogic delivers unique and comprehensive data, analytics and services to property & casualty companies—powerful information found at the core of smart decisions. We offer Catastrophe risk models worldwide with easy access to extensive data visualization and reports.

## A Complete & Geographic View of Risk

RQE includes natural hazard models for countries and territories spanning six continents. Loss calculations based on unparalleled high resolution data and robust simulations provide comprehensive and highly credible estimates of risk exposure for the following types of natural hazards:

- ▶ Earthquakes
- ▶ Tropical Cyclones & windstorms
- ▶ Severe Convective Storms
- ▶ Brushfires
- ▶ Winter Storms
- ▶ Flooding

FOR MORE INFORMATION, PLEASE CALL 866-774-3282  
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