



Catastrophe Risk Modeller of the Year

MOODY'S | RMS



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Moody's RMS' investment in new Asia-Pacific risk models to assist insurers in understanding the impact of climate change, impressed the judges.

Following its acquisition by Moody's Corporation in 2021, Moody's RMS has expedited the development of Moody's global integrated risk assessment capabilities to address the next generation of risks and to expand Moody's insurance data and analytics business.

Leveraging these capabilities, Moody's RMS is helping clients see how climate change will affect their portfolios over both the short term and long term, as they come under pressure from regulators and stakeholders to demonstrate that they understand the risks, can identify loss drivers and develop mitigation strategies.

Moody's RMS provides completely correlated global views of risk in relation to climate change, covering not only risk for acute peril-specific threats, but also extending to chronic risks, such as drought, heat stress, water stress, and rising sea levels.

Moody's RMS introduced its first climate change risk model for the region with Japan Typhoon, which includes tropical cyclone-induced inland flood, extending its range of climate change risk models to six.

It has also developed a new inland flood risk model for China, completing a model suite covering three major natural peril risks for the country, as well as new inland flood models for New Zealand and Southeast Asia, including Thailand, Singapore, Malaysia and Indonesia, extending its flood models to cover a total of nine Asia-Pacific countries.

The models, which are based on standardised scenarios, such as the Intergovernmental Panel on Climate Change's Representative Concentration Pathways (RCP), assist insurers across the different stages of their climate change journeys, whether they want to understand their current position, communicate it to stakeholders or take proactive risk management action, including working towards net-zero carbon goals.

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Using a database of more than 290 million ESG scores for public and private companies, the solution can be integrated into applications, such as Moody's RMS ExposureIQ, or underwriting workflows, analysing the scores alongside internal data to create a sustainable competitive advantage.

As a market leader in helping insurers deal with climate change, and following its integration with Moody's, expect further innovation from RMS going forward.