

Willis Re View of Catastrophe Risk

Own View of Risk

An appropriately customised view of risk underpins a robust risk management strategy



With the ability to customise an Own View of Risk in over ninety countries across more than ten different perils, clients are empowered to make and justify risk management decisions. This supports clients in adopting clearer risk appetites, responding to regulatory pressures and making more informed risk transfer decisions. Taking advantage of academic research enhances our ability to tailor innovative solutions to support portfolio optimisation for improved capital management, completing the insurance lifecycle.

Thailand and Malaysia Tropical Cyclone Model Evaluation

Appraisal of existing models identified TC-induced flood rather than wind hazard is the loss driving peril from tropical cyclone events



In-depth evaluation of existing models and limitations

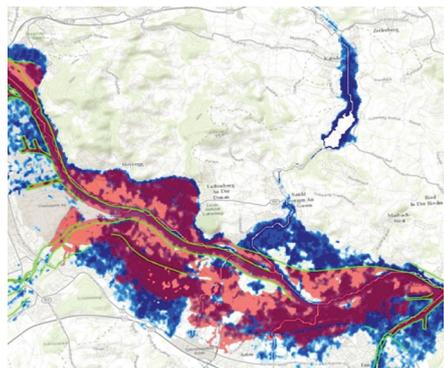
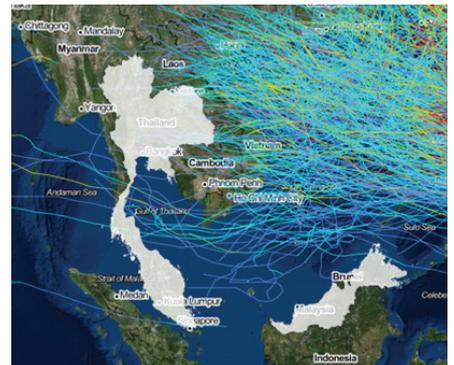


Flood models developed to quantify TC and non-TC induced flood risk



Complementary stress testing to assess capital adequacy

Identifying and overcoming model limitations to complete a view of risk



Central and Eastern Europe Flood Probabilistic Model

Implementing a sophisticated new view of risk filled a gap in the market

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Major insurance groups in the region have adopted our model for reinsurance



Explicit model captures pluvial losses away from the floodplain



Most comprehensive flood defence database in the market

Delivering a customisable solution to quantify own view of risk

Central America Earthquake Model Adjustment

Expert review determined an overestimation of vendor losses when compared to local data sources



Review of seismic catalogues to determine event occurrence rates

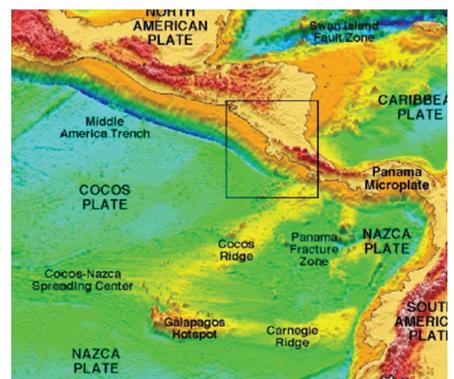


Benchmarking model vulnerability curves against local engineering standards



Adjustment of model to better reflect earthquake risk across the region

Enabling the reinsurance market to support local treaties



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In a changing world, being equipped with functional risk solutions to assess and quantify catastrophe risk is paramount. The Willis View of Risk (WVoR) assists clients by working through the range of models to establish their own internal view and more accurately understand, communicate and efficiently mitigate their own risk. Willis Re seeks a full understanding of what is and isn't captured in these models and how to consider the complexities and uncertainties in Catastrophe Risk modelling. To enable our client to form a View of Risk, Willis Re takes a dual approach of **enhancing and validating existing models** and **building new solutions when needed**. Risk management decisions that influence capital management within the insurance lifecycle are supported through the **six pillars of Own View of Risk, Reinsurance, Portfolio Optimisation, Willis Research Network, Regulatory and Innovation**.



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How can we help?

To find out more, please contact your local client advocate or Catastrophe Analytics associate.

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