

# Asia-Pacific Catastrophe Risk Solutions

## SOLUTIONS

### Risk Management Tools

- Exposure datasets
- High-resolution probabilistic flood maps
- Flood and tsunami scenario catalog
- Probabilistic modeling

### Client Support

- Real-time access to local expertise through the Asia Knowledge Center
- Timely resolutions for all your queries with frequent status updates throughout the process

### Professional Services

- Review of portfolio and underwriting strategy
- Advisement on exposure management, data processing, and consolidation of technology applications
- Exposure data cleansing and risk analytics

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Manage the Asia-Pacific insurance market's rapid expansion with risk management tools, services, and support for all of Asia's major natural hazards.

### ASIA: RISK OR OPPORTUNITY?

The Asia-Pacific markets hold the greatest potential for growth for the insurance industry, particularly the property-casualty segment. However, the Asia-Pacific is beset by a range of catastrophes with approximately 50–60% of worldwide catastrophe losses originating in Asia each year.

The region's rapid increases in exposure concentrations, poor data quality, and relatively short insured loss history bring high levels of uncertainty to risk management. At the same time, global regulators and rating agencies are demanding stronger risk management processes around this rapid growth.

### RISK SOLUTIONS FOR YOUR ENTIRE PORTFOLIO

Achieve a comprehensive view of insured risks and exposure in Asia with a library of tools ranging from exposure databases to probabilistic models.

From identifying exposure concentrations in high-risk industrial clusters to getting real-time answers to your risk management questions, RMS Asia Client Support and Professional Services can help you meet the challenges of expansion in an emerging market.

## WHERE RMS CAN HELP

### Portfolio Review and Underwriting Strategy

- Identify exposures, risk concentrations, vulnerability to perils, and volatility drivers using exposure databases, return period hazard maps, and catastrophe event scenarios
- Investigate portfolio exposures down to the location level across multiple dimensions to gain insights into the drivers of risk
- Use deterministic and probabilistic modeling to monitor high-risk locations, risk accumulations, and plan diversification strategy
- Understand where to focus underwriting and establish or refine underwriting guidelines based on your risk profile

### Resilient Risk Management

- Manage modeled and non-modeled risk across all perils and lines of business
- Implement region-specific best practices for accumulation control, catastrophe risk modeling, and risk management
- Outsource manual tasks such as data cleansing and coding, so you can concentrate on analyzing your risk
- Consolidate global catastrophe risk, data processing, and technology applications to ensure consistency across your organization
- Analyze “what if” scenarios when planning business growth before writing the business

## PERILS

- Typhoon
- Flood
- Earthquake
- Tsunami
- Severe Convective Storm
- Builders Risk
- Industrial Facilities

## COUNTRIES

- Japan
- China
- Hong Kong
- Taiwan
- South Korea
- Philippines
- Indonesia
- Vietnam
- Thailand
- Malaysia
- Singapore
- Guam
- India
- Australia
- New Zealand

### ABOUT RMS

RMS models and software help insurers, financial markets, and public agencies evaluate and manage catastrophe risks throughout the world, promoting resilient societies and a sustainable global economy. Our scientific and objective measurement of risk facilitates the efficient flow of capital needed to insure, manage, and mitigate risks to reduce the consequences of disasters.

### RMS

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