21st Asia Nat CAT and Climate Change Summit

"21 Years Strong: Asia's Premier Platform for Climate & Nat CAT Leadership"

4000+ Delegates 1000+ Speakers **100**+ Panel Sessions

Partnered with **100**+ Global & Regional Brands 25-26 August 2025

Centara Grand & Bangkok Convention Centre at CentralWorld, Thailand

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Theme: "Forging a Catastrophe-Ready Asia – Insurance Innovation in the Face of Escalating Risks"

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For speaking, sponsorship and partnership opportunities: Ms Erica Belicena | Email: erica@asiainsurancereview.com Visit www.asiainsurancereview.com for more information.

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Amid the growing realities of climate volatility and environmental disruption, insurers and reinsurers are taking center stage as strategic enablers of resilience across Asia's interconnected business ecosystems. Their role today extends far beyond the risk of transfer. They are pivotal in reinforcing economic stability, protecting vulnerable communities, and safeguarding critical infrastructure from the escalating threats of natural catastrophes.

From super typhoons and mega earthquakes to flash floods, landslides, and the creeping rise of sea levels, the Asia-Pacific region continues to bear a disproportionate share of global disaster losses. In fact, more than 40% of the world's reported natural disasters occur in Asia, making the region one of the most exposed and vulnerable. The Asia-Pacific and African region experienced total losses of US\$91 billion from natural disasters in 2024, much higher than losses that amounted to US\$66 billion the previous year.

Yet, as the frequency, scale, and complexity of catastrophic events accelerate, so does the urgency for innovation, collaboration, and action. Insurers and reinsurers are not just financial risk managers – they are system-enablers. They provide crucial safety nets that allow governments, industries, and individuals to bounce back from disasters. Their role extends far beyond claims: they analyze emerging risks, model disaster scenarios, promote risk reduction behaviors, and influence public policy. In the wake of devastating events, insurance plays a vital role in financing recovery and rebuilding, enabling communities to recover faster and more sustainably. Reinsurers, meanwhile, strengthen market capacity and liquidity, ensuring that risk is distributed globally and does not overwhelm local systems.

Insurers and reinsurers are forging deeper partnerships with governments, development institutions, urban planners, and environmental scientists to co-create resilient ecosystems. Regional risk pools, sovereign catastrophe covers, and ESG-aligned underwriting frameworks are helping countries move from reactive disaster relief to proactive risk reduction.

At the same time, thought leadership from the insurance sector is shaping regional policies on climate adaptation, infrastructure resilience, and sustainable urban development – ensuring that risk awareness is built into every layer of growth.

Following the resounding success of the 20th edition, which brought together a full-house of industry leaders in Philippines, we are proud to present the 21st Asia NAT CAT and Climate Change Summit 2025 set in Bangkok Thailand – the region's most impactful gathering of insurance, reinsurance, policymakers and climate resilience experts. Join us as we convene the region's brightest minds and boldest voices to shape a sustainable path forward.

For Speaking and Sponsorship opportunity please contact

Ms Erica Belicena

Conference Producer at erica@asiainsurancereview.com



Risk Assessment, Modelling & Predictive Analytics

- Next-Gen Modelling Platforms: Integrating Climate Science, AI, and Real-Time Data
- Beyond the Probable Maximum Loss: Rethinking Tail Risks and Black Swan Events
- Regional CAT Risk Modelling: Local Nuances and the Push for Contextual Accuracy
- From Static to Dynamic: Real-Time CAT Model Updates in Fast-Moving Events
- Data Gaps and Blind Spots: Building Resilient Models Despite Incomplete Datasets
- The ESG Data Challenge in CAT Risk Models
- Open-Source vs Proprietary Models: Striking the Balance Between Transparency and Competitive Edge
- Evaluating the evolving CAT modeling ecosystem and what it means for insurers, reinsurers, and regulators
- Cyber-Nat CAT Nexus: Expanding Risk Models to Include Cascading Systemic Threats
- Exploring how future models may need to simulate interdependent physical and cyber risks for accurate coverage planning
- Bridging the Gap Between Model Developers and Underwriters
- Fostering closer collaboration to ensure models are actionable, explainable, and tailored to real-world underwriting decisions
- Climate Attribution Modelling: Quantifying the Human Fingerprint on Natural Disasters
- How insurers are beginning to incorporate attribution science into their claims frameworks and risk pricing

Real-Time Intelligence & Risk Mitigation

- Strengthening Public-Private Collaboration: The Role of Governments and Regulators in Building National Resilience Against Nat CAT Risks
- Leading Under Pressure: Executive Decision-Making During Catastrophic Events In high-stakes moments, leadership agility is critical
- Cross-Border CAT Leadership: Aligning Regional Workforce Strategy with Global Best Practices Disaster



- Mandatory Climate Risk Disclosure: What Insurers and Reinsurers Must Prepare
- Regulatory Frameworks for Parametric Insurance and Innovative Risk Transfer
- Aligning Insurance Supervisory Policy with Climate Adaptation Goals
- Climate Stress Testing and Scenario Analysis: Setting Standards Across Jurisdictions
- Bridging the Protection Gap: Public-Private Insurance Pools and Risk Sharing
- Disaster Risk Financing and Sovereign Insurance
- Leadership in Disclosure: The Board's Role in Climate and Risk Governance
- The Role of Central Banks and Financial Regulators in Climate Risk Oversight
- Public-Private Innovation Labs for Risk and Resilience
- Regulatory Convergence in Asia Pacific: Towards a Unified Climate and CAT Risk Framework

Reinsurers & Insurers: Financial Strategy, Capital Resilience & Profitability

- Navigating Volatility: Climate Risk as a Financial Risk
- The Rising Cost of Risk: Pricing Adequacy, Loss Ratios, and Reinsurance Dynamics
- Capital Markets & Alternative Risk Transfer: Reinsurance Beyond the Traditional Model
- The Economics of Climate Adaptation: Underwriting Resilience and Financial Return
- Risk-Based Capital & Regulatory Pressure: Meeting Financial Standards in a Changing Climate
- Managing Retention vs Transfer: Capital Optimization in High-Risk Markets
- Profitability Under Pressure: Balancing Risk, Capital, and Competitive Pricing in Emerging Markets
- Reserve Adequacy & Claims Inflation in a Warming World
- ESG & Climate Risk Disclosure: Financial Reporting and Investor Expectations
- Strategic Reinsurance Placement in a Hard Market: Lessons from Recent CAT Events



Future Workforce, Talent & Risk Transfer Innovation

- Upskilling for Complexity: Training Talent for Multi-Hazard Risk Environments
- Embedding ESG and Climate Literacy into Risk Management Roles
- Al-Augmented Decision-Making: Redefining Roles in Risk Intelligence and Claims Processing
- The Rise of CAT Risk Specialists: Shaping the Next Generation of Technical Leaders
- Next-Gen Risk Transfer: Rethinking Talent Needs for Alternative Capital Markets and Parametric Insurance
- Remote Disaster Command Centers: Managing Distributed Teams for Rapid Response
- Attracting and Retaining Young Talent in Climate and Disaster Risk Professions
- Diversity and Inclusion in Risk Innovation Teams
- The Human Factor in Tech-Driven Risk Transfer
- Designing Agile Teams for Crisis Simulation and Preparedness Exercises

Who Should Attend

- Reinsurers
- General Insurers
- Reinsurance & Insurance Brokers
- Underwriters & Claims Managers
- Government Officials involved with Catastrophe Exposures, Environmental Planning & Climate Change
- Climate Change Experts & Agencies

- Catastrophe & Seismology Experts
- Catastrophe Modelling Agencies
- Risk Managers
- Regulators
- Consultants & Actuaries
- Capital Market Players
- Service Providers to the Insurance Industry

Day Ung 25 August 2025, Monday

8:00 am **Registration and with All-day premium coffee bar and refreshments**

9:00 am

Conference Chairman's Kick-Off Remarks: Steering the Conversation Forward



John Spence Managing Director, Asian Capital Advisors

<mark>9:0</mark>5 am

Opening Ceremony & Regulator's Welcome Remarks



Mr Chuchatr Pramoolpol Secretary-General, Office of Insurance Commission (TBC)

9:15 am Global Keynote: Weathering the Storm – Strengthening Climate-Resilient Insurance Systems

As climate-related disasters grow in frequency and intensity, the insurance industry stands at the frontline of economic resilience. This keynote will explore how the integration of accurate climate science, early warning systems, and risk-informed planning can empower insurers, regulators, and policymakers to build more adaptive and forward-looking insurance frameworks. Drawing on global insights and data-driven strategies, the session will highlight the critical role of climate-resilient insurance systems in protecting vulnerable communities, sustaining market stability, and driving long-term sustainability.

9:40 am

Strengthening Public-Private Collaboration: The Role of Governments and Regulators in Building National Resilience Against Nat CAT Risks

Natural catastrophe risks are escalating in both frequency and severity, demanding a unified response across sectors. This session explores how governments, regulators, and the insurance industry can forge stronger public-private partnerships to enhance national disaster resilience. From enabling risk financing frameworks and regulatory incentives to supporting insurance penetration in high-risk zones, the discussion will highlight policy innovations and collaborative strategies that drive long-term risk reduction, financial protection, and climate adaptation at scale.

10:00 am Panel Session with live Q&A

Building Tomorrow's Models: Climate-Responsive Risk Assessment in the Age of Uncertainty

Traditional CAT models are facing scrutiny amid the escalating volatility of climate risks. This session brings together modelers, regulators, and reinsurers to explore how the next generation of risk tools can better reflect real-world complexities, account for forward-looking climate scenarios, and enable more accurate pricing, capital planning, and solvency.

Panellist



Dr Jerasorn Santisirisomboon

Center of Regional Climate Change and Renewable Energy (RU-CORE), Ramkhamhaeng University (RU)

11:00 am Networking Session and Morning Tea and Coffee Break

11:25 am **Protecting Marine Ecosystem and Coastal Communities in the Philippines** Through Climate Risk Finance and Insurance

The Philippines, with its vast coastline and rich marine biodiversity, faces increasing threats from climate-induced hazards such as typhoons, storm surges, and sealevel rise. This session explores how climate risk finance and insurance solutions can serve as powerful tools to safeguard marine ecosystems and strengthen the resilience of vulnerable coastal communities. By leveraging innovative risk transfer mechanisms, public-private partnerships, and nature-based solutions, the discussion will highlight practical pathways to build adaptive capacity while preserving the country's environmental and economic lifelines.



Dante O Portula

Senior Advisor for Climate Risk Insurance, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH GIZ Philippines, Strengthening Disaster Resilience and Risk Mitigation through Ecosystem-based Planning and Adaptation (E4DR) project

11:50 am Projecting Earthquake Risk to 2065: Exposure, Losses, and the Carbon Cost of Disasters

By 2065, the landscape of seismic risk in the Asia-Pacific will be dramatically altered by climate policy, urban growth, and global inequality. This keynote explores future earthquake loss scenarios developed by the Global Earthquake Model (GEM) Foundation, under different Shared Socioeconomic Pathways (SSPs), highlighting how shifts in exposure, policies, and development trajectories will impact human and economic losses — and even the planet, through embodied carbon in damaged infrastructure. Drawing on GEM's mission and values, this talk will discuss how open, collaborative science enables innovation, equity, and global resilience.



Helen Crowley Secretary General Global Earthquake Model (GEM) Foundation

12:15 pm Corporate Luncheon Buffet

1:15 pm Low Carbon City (LCC) Program and the role of insurance in monetizing carbon credits

The LCC Program is a flagship initiative by the World Bank and the Royal Thai Government to support action on climate change. It is designed to drive Thailand's transition toward a low-carbon economy by enabling emission-reduction investments and generating carbon credits that meet international standards. Through a robust system of measurement, reporting, and verification (MRV), the program establishes the necessary infrastructure for carbon market readiness and unlocks access to carbon finance. It aims to aggregate small-scale, fragmented efforts into credible, tradable assets – catalyzing both local development and national climate ambition. With growing interest from peers across ASEAN and other middle-income countries, the LCC model holds strong potential for replication as a regional platform.



Marc Forni Lead Specialist, Urban Resilience, World Bank Group

1:40 pm Closing the Gaps: A Holistic Approach

Protection gaps across Asia are widening, driven by climate change, rapid urbanisation, and economic transitions. This session explores a holistic approach to resilience-linking risk reduction, increasing insurance penetration, and fiscal risk financing into a unified strategy. By coordinating across sectors and aligning incentives, we can better manage interrelated risks efficiently and build long term risk and hence economic resilience.



Dickson Wong

Director, Global Asia Insurance Partnership (GAIP) representative

2:05 pm Panel Session with live Q&A

Mandatory Climate Risk Disclosure: What Insurers and Reinsurers Must Prepare for Insights into global regulatory trends, reporting standards, and how to embed compliance into operations.

Gain practical insights into how to interpret evolving requirements, embed compliance into enterprise-wide operations, and turn regulatory obligations into strategic advantage. Attendees will learn how forward-thinking insurers manage data challenges, align financial and sustainability reporting, and prepare for the next wave of supervisory scrutiny.

3:05 pm Senior Leadership Address from Thai General Insurance Association

3:30 pm Networking Session and Afternoon Tea and Coffee Break

3:55 pm Bridging the Gap Between Model Developers and Underwriters

Effective risk management in today's complex climate and catastrophe landscape requires seamless collaboration between model developers and underwriters. This session examines the persistent disconnect between technical model outputs and practical underwriting needs and explores strategies to foster stronger integration. By enhancing transparency, communication, and shared understanding, the industry can ensure that risk models are not only scientifically robust but also operationally relevant-supporting better pricing, portfolio management, and risk selection.

4:20 pm End of Day 1 session: Closing Remarks by the Conference Chairman



John Spence Managing Director, Asian Capital Advisors

Day Two 26 August 2025, Tuesday

- 8:00 am **Registration and with All-day premium coffee bar and refreshments**
- 9:00 am





John Spence Managing Director, Asian Capital Advisors

9:15 am

am Regional CAT Risk Modelling: Local Nuances and the Push for Contextual Accuracy

Why regionalization and granularity matter—spotlighting models tailored to Asia-Pacific risk landscapes. As natural catastrophe risks evolve across Asia-Pacific, the need for region-specific models has never been greater. This session delves into the importance of contextual accuracy in CAT risk modelling—emphasizing how local hazard data, socio-economic factors, and infrastructure vulnerabilities can significantly affect risk outcomes. Experts will explore the shift from global, one-size-fits-all models to more granular, locally calibrated tools that reflect the true complexity of the region's risk profiles, enabling better underwriting, pricing, and disaster preparedness.

9:45 am Leadership Address: Advancing Regional Cooperation on Natural Disaster Risk and Insurance Solutions



Kocu Hutagalung

President Director, MAIPARK

Chairman, ASEAN Natural Disaster Research and Works Sharing (ANDREWS) Committee of ASEAN Insurance Council

10:10 am

Leading from the Front – Industry Driving Climate-Resilient Insurance (1 Moderator and 2 Participants)

As natural catastrophe risks and climate uncertainty continue to escalate, the role of the insurance and reinsurance industry in driving resilience has never been more vital. This session brings together influential leaders from the private sector to share how their organizations are shaping sustainable insurance strategies, embedding ESG principles into business models, and innovating to close protection gaps. Through real-world case studies and candid discussion, participants will explore how climate-smart underwriting, impactful partnerships, and forward-looking risk solutions can help future-proof the insurance ecosystem across Asia.

10:40 am Networking Session and Morning Tea and Coffee Break

11:10 am Thought Leadership Address



Yusuke Taishi

Head of Climate Change Adaptation - Programming, United Nations Development Programme (UNDP)

11:35 am Resilience Leadership Address: Advancing Scalable Disaster Risk Management in Asia



Dr Peeranan Towashiraporn Director, Asian Disaster Preparedness Center (ADPC)

12:00 nn Corporate Luncheon Buffet

1:00 pm Visionary Address

Encouraging science-based policy to strengthen national environmental risk management and SDGs attainment: A look at Thailand

This session explores how science-based policymaking can drive more effective environmental risk management and accelerate progress toward the Sustainable Development Goals (SDGs). Using Thailand as a focal point, the discussion will highlight the importance of data-driven decision-making, cross-sector collaboration, and the integration of environmental science into national planning. The session aims to showcase best practices, policy innovations, and the role of institutions in translating scientific insights into actionable strategies for resilience and sustainable development.



Dr Monthip Sriratana

Senior Advisor, National Research Council of Thailand

Deputy Director, General of the International Research Center on Big Data for Sustainable Development Goals (CBAS), China

Director, Digital Belt and Road-International Center of Excellence-Bangkok (DBAR ICoE-Bangkok)

1:25 pm

How insurers are beginning to incorporate attribution science into their claims frameworks and risk pricing.

As climate events become more extreme and litigation risks rise, insurers are turning to attribution science to understand the links between specific weather events and climate change. This session explores how the industry is beginning to incorporate this emerging field into claims assessment and risk pricing frameworks. From improving transparency in loss attribution to refining underwriting models and driving more accurate risk-based pricing, attribution science is poised to become a powerful tool in the next generation of climate-resilient insurance. The discussion will also address operational challenges, regulatory implications, and opportunities for innovation in data use and policy development.

1:50 pm **Parametric Insurance in Asia: Catalyzing Resilience for Communities and Economies** (1 Moderator and 2 Participants)

As Asia grapples with intensifying climate-related disasters, ranging from typhoons and floods to droughts and earthquakes, there is a growing need for faster, more scalable, and targeted risk-transfer mechanisms. Parametric insurance has emerged as a powerful tool in addressing these needs by providing pre-agreed, rapid payouts based on specific triggers such as wind speed, rainfall levels, or seismic activity, rather than waiting for traditional claims assessments.

This session explores how parametric insurance is shaping resilience strategies at both the community and sovereign levels across Asia. It will bring together leaders in risk financing, disaster recovery, and insurance innovation to discuss practical applications, challenges in adoption, and the role of technology, regulation, and partnerships in unlocking the full potential of parametric models.

2:25 pm Aligning Insurance Supervisory Policy with Climate Adaptation Goals and Strategies for national regulators to guide insurers in promoting long-term resilience and sustainable underwriting.

As climate risks intensify, national regulators play a critical role in shaping an insurance sector that supports long-term resilience. This session explores how supervisory frameworks can be aligned with climate adaptation goals—guiding insurers toward sustainable underwriting, forward-looking risk assessments, and the integration of adaptation measures into product design and investment strategies. By embedding climate considerations into regulation and oversight, supervisors can foster a more resilient financial system and ensure the insurance industry contributes meaningfully to national adaptation efforts.

2:50 pm Networking Session and Afternoon Tea and Coffee Break

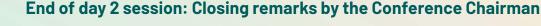
3:20 pm Climate Stress Testing and Scenario Analysis: Setting Standards Across Jurisdictions

How regulators are rolling out climate scenario exercises to evaluate financial stability and insurer preparedness. With climate risks posing systemic threats to financial stability, regulators worldwide are introducing climate stress testing and scenario analysis to assess insurer resilience. This session explores the growing adoption of these tools across jurisdictions, examining how supervisors are designing frameworks to evaluate exposure to physical and transition risks. It will highlight key methodologies, cross-border coordination efforts, and emerging best practices that aim to standardize approaches—ensuring insurers are better prepared for climate-related shocks and aligned with long-term sustainability goals.

3:45 pm Embedding ESG and Climate Literacy into Risk Management Roles and Strategies for integrating sustainability competencies into core job functions across underwriting, claims, and actuarial teams.

As ESG and climate risks become central to business sustainability, insurers must build internal capacity across all operational levels. This session explores strategies for embedding ESG and climate literacy into core job functions—empowering underwriting, claims, and actuarial teams to make risk-informed, sustainabilityaligned decisions. From updating training frameworks to integrating ESG metrics into daily workflows, the discussion will highlight practical approaches for fostering a workforce that's equipped to manage emerging risks and drive long-term resilience.

4:10 pm





John Spence Managing Director, Asian Capital Advisors

Note: Programme is subject to change.

Agenda Disclaimer

The agenda for the 21st Asia NAT CAT and Climate Change Summit 2024 is subject to change without prior notice. While every effort has been made to ensure the accuracy of the programme, the organisers reserve the right to make adjustments as necessary, including but not limited to session timings, speaker line-up, topics, and event format.

Such changes may be due to unforeseen circumstances, speaker availability, or other logistical considerations. Any updates will be reflected in the official event materials and communicated to registered delegates through appropriate channels.

The views expressed by individual speakers or panelists are their own and do not necessarily represent those of the organisers or sponsoring organisations.

Diversity & Inclusion Statement

The 21st Asia NAT CAT and Climate Change Summit 2024 is committed to fostering diversity, equity, and inclusion across all aspects of the event. We strive to ensure balanced representation in our speaker lineup across gender, geography, expertise, and backgrounds. Our goal is to create a platform that reflects the diverse voices shaping the future of climate resilience and catastrophe risk management in Asia and beyond.

21st Asia Nat CAT and Climate Change Summit

25-26 August 2025, Centara Grand & Bangkok Convention Centre at CentralWorld, Bangkok, Thailand

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The Reservation link will be cut off on 1 August 2025. Room	lude accommodation, breakfast and Complimentary basic Wi-Fi. n types are subject to availability upon the reservation date. request, please email Ms Oui directly.

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