

NIA-Swiss Re International Seminar

**“Challenges of Climate Risks on Insurance Business-
Risk Mitigation and Adaptation Strategies”**

7- 8 February, 2019

Venue: Hotel Taj Santacruz, Mumbai

THURSDAY, 7TH FEBRUARY, 2019 DAY - I

INAUGURAL FUNCTION: (9.30 a.m. 11.00 a.m.)

- Welcome Address:** Mr. G. Srinivasan, Director, National Insurance Academy
- Special Address:** Mrs. Alice Vaidyan, CMD, GIC Re.
- Special Address:** Mr. Alok Kumar, Managing Director & Head, Group Risk and Analytics, Swiss Re.
- Inaugural Address:** Dr. Subhash C. Khuntia, Chairman, Insurance Regulatory & Development Authority of India *
- Vote of Thanks:** Mr. Aswathanarayana, Chair Professor, National Insurance Academy
- (Tea Break 11:00 a.m. -11:30 a.m.)**

Session – I (11.30 a.m. to 1.00 p.m.)

**RISING SEVERITY OF CLIMATE RISKS AND IT'S IMPLICATIONS
ON INSURANCE BUSINESS – GLOBAL SCENARIO:**

- **Global Warming and It's consequence on Catastrophic Risks: Global Scenario -**
 - Mr. Vineet Kumar, Head, CAT Perils, Asia, Swiss Re.
- **The potential impacts of climate risk on Asian Regions and How do we manage these extreme risks.**
 - Ms. Sonia Rawat, Head Underwriting, Asia Pacific, Allianz Re, Singapore .
- **“Impact of Climate Change on Catastrophic Risks in Philippines”**
 - Mr. Francisco P. Ramos, Executive Vice President, the Mercantile Insurance Company, Philippines.
- **“Potential Impact of Climate Risks in Bangladesh”**
 - Kazi Mohammad Mortuza Ali, Director General, Bangladesh Institute for Professional Development, Bangladesh.
- **“Role of Intermediaries in mitigating the climate risks in Hong Kong or China”**
 - B.S. Rath, Founder and Managing Director, Premier Insurance Brokers Ltd, Hong Kong.

Session – II (2.00 p.m. to 3.30 p.m.)

REGULATORY PREPAREDNESS & RESPONSE TO COMBAT CLIMATE RISK

- **Regulatory Preparedness and Response to Combat Climate Risk in India**
 - Mr. Sujay Banerjee, Member, Insurance Regulatory & Development Authority of India *
- **“Impact of Climate Risks in Sri Lanka – Disaster Risk Management**
 - Mrs. Damayanthi Fernando, Director General, Insurance Regulatory Commission, Srilanka.
- **“Regulatory preparedness and response to combat Climate Risks in Bangladesh”**
 - Dr. M. Mosharraf Hossain FCA, Member, Insurance Development and Regulatory Authority, Bangladesh

Session – III (3.45 p.m. to 5.15 p.m.)

INTEGRATED APPROACH BY THE POLICYMAKERS TO MANAGE EXTREME EVENTS & CLIMATE RISKS

- **Role of Government - Comprehensive and Integrated Risk Action Plan to mitigate Climate Risks in India**
 - Shri. Kamal kishore, Member, National Disaster Risk Management (NDMA).
- **Role of Government – Climate Risk Policy in mitigating Climate Risks in India -**
 - Dr. Santosh Kumar, Professor, Director, National Institute of Disaster Management.
- **Impact of Climate Risk on Insurance Business: Building Resilience through Disaster Risk Management**
 - Mr. N.K.V. Roop Kumar, Chief Risk Officer, SBI Life Insurance Company.
- **Reducing vulnerability to Climate Change through efficient cooperation between Financial Institutions and Insurers**
 - Vijaysekar Kalavakonda – International Financial Centre (IFC)

FRIDAY, 8TH FEBRUARY, 2019 - DAY - 2

Session I (9.30 a.m. to 11.00 a.m.)

INSURER'S RESPONSE TO MITIGATE THE SEVERITY OF CLIMATE RISK ON PANDEMIC RISKS, AGRICULTURE AND PROPERTY:

- Moderator of the session: Dr. P.K. Agrawal, Regional Director, Consulting Group for International Agriculture Research (CGIAR).
- **Impact of Climate Change on Property Insurance and NAT CAT Insurance** – Mr. Sam Ghosh / Mr. Ritesh Kumar (Speaker to confirm).
- **Building Resilience through Disaster Risk Management** – Mr. Tapan Singhel, Managing Director & CEO, Bajaj Allianz General Insurance Company *.
- **Impact of Climate Risk on Health and Pandemic Risks** – Dr. Antony Jacob, CEO, Apollo Munich Health Insurance Company *
- **Impact of Climate Risk on Agriculture Insurance** – Mrs. T.L. Alamelu, CMD, Agriculture Insurance Corporation of India.

Session II (11.30 a.m. to 1.00 p.m.)

EVALUATING THE ECONOMICS OF CLIMATE RISKS AND OPPORTUNITIES IN THE INSURANCE SECTOR

- **Quantifying the economic loss of Climate Risks through CAT Models** – Mr. Kishor Dhore, Nat Cat Specialist, Swiss Re.
- **Underwriting of CAT Risk Exposures through Lloyds City Risk Index**- Mr. Shankar Garigiparthi, CEO, Lloyds Reinsurance India.
- **Use of GIS for assessing and remapping of CAT Risks – Risk Vulnerability & Exposure Analysis** -Dr. Pushpendra Johari – Vice President, Sustainability, RMSI, India.
- **Use of Remote Sensing and Satellite Images for Geo-spatial Assessment of Agriculture Risk to support Insurance business** - Dr. C.S. Murthy, IRSC
- **Recalibration of Catastrophic Risk Models for assessing the Risk Exposures of Flood and Cyclones in India** –Dr. Praveen Sandry - Managing Director at AIR Worldwide India Pvt. Ltd.

Session III (2.00 p.m. to 3.30 p.m.)

IMPACT OF CLIMATE RISK AND RISK ASSESSMENT TO SUPPORT RISK FINANCING AND RISK TRANSFER METHODS

- **Re-examining the Adequacy of Reinsurance coverage in Property Insurance – Challenges for Reinsurers** – (Speaker from Swiss Re)
- **Challenges in Reinsurance of Crop Insurance portfolio** – Dr. Kolli N. Rao, Senior Advisor, IRICS.
- **Innovative Risk Transfer Products for the Agriculture Sector** – (Speaker from Swiss Re)
- **Alternative Risk Transfer (ART) — A need to develop Hybrid CAT Bonds** (Speaker from Swiss Re)
- **Risk Pools – How to strengthen the NATCAT Risk Pools** – Mr. T. Balaji, Deputy General Manager, GIC Re.

Session IV (3.45 p.m. to 4.30 p.m.)

CONCLUSION AND VALEDICTORY

Concluding Remark: G. Srinivasan, Director, National Insurance Academy

Vote of Thanks: Dr. S. Doss, Associate Professor, NIA, Pune.

** to be confirmed*

(Please, note that the programme is subject to change, and will be updated)