

— TALLER INTERNACIONAL —
Seguros para la adaptación
al cambio
climático
en el sector público,
productivo y financiero

12, 13 y 14 de octubre de 2011
Lima, Perú



Weather-risk insurance & climate change adaptation: Perspectives from the international climate negotiations

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Munich Climate Insurance Initiative (MCII)

hosted at **United Nations University**



Título de la ponencia:

Autor:

Problem: why insurance in the context of adaptation?

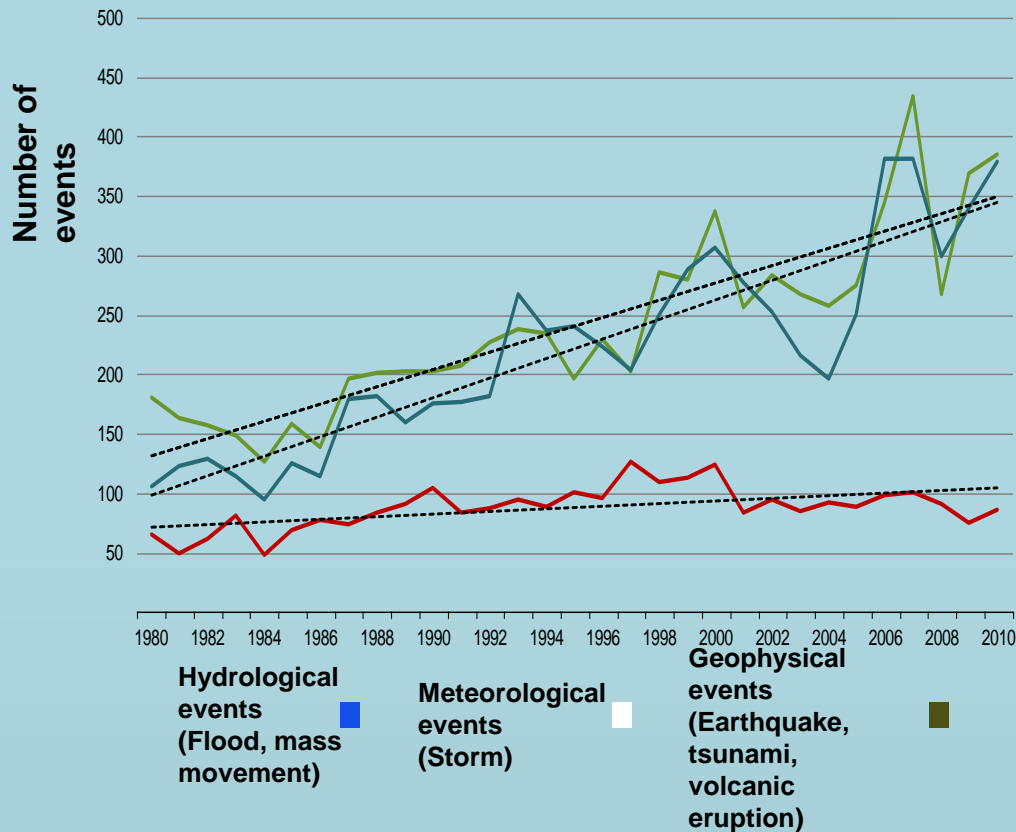
- Context:
 - **Global change**, including increasing exposure to a variety of weather-related risks.
 - **Growing exposures**, driven largely by socio-economic change.
 - Science suggests that we may face **increasing frequency and intensity** of weather-related hazards (climate variability) in the future related to climate change....
 - We are headed into a **period of greater uncertainty**, and also opportunities
- Why insurance:
 - **“Front end”**: ability for risk management experts like the global insurance industry to help identify, assess, price risks and help support decision making across a broad range of adaptation options and sectors
 - **“Product end”**: Pressing need to reduce loss and damage—call for partnerships and risk transfer approaches that acknowledge and design for this context!



Título de la ponencia:

Autor:

Natural catastrophes worldwide, 1980 – 2010 Number of events by peril with trend



Human contribution to more-intense precipitation extremes

Seung-Ki Min, Xuebin Zhang, Francis W. Zwiers & Gabriele C. Hegerl

[Affiliations](#) | [Contributions](#) | [Corresponding authors](#)

Nature 470, 378–381 (17 February 2011) | doi:10.1038/nature09763

Received 15 March 2010 | Accepted 17 December 2010 | Published online 16 February 2011

“... Here we show that human-induced increases in greenhouse gases have contributed to the observed intensification of heavy precipitation events found over approximately two-thirds of data-covered parts of Northern Hemisphere land areas. .. Changes in extreme precipitation projected by models and thus the impacts of future changes in extreme precipitation, may be underestimated because **models seem to underestimate the observed increase in heavy precipitation with warming**”.



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20 years of insurance in climate negotiations

1992 – ca 2007

- 1992: AOSIS proposal for insurance
- Included to counterbalance the negative expected consequences of climate change.
- First 15 years of the discussion dominated by the theme of “environmental liability” and “if you don’t mitigate, you pay”

2007 – present

- 2007: Release of the IPCC 4th Assessment Report
- 2007: 13th COP in Bali, Bali Action Plan firmly established work streams on adaptation
- new AOSIS, & MCII insurance proposals
- Technical (& less political) approaches to insurance, feasibility & implementation, linking disaster risk reduction & other loss reduction measures.

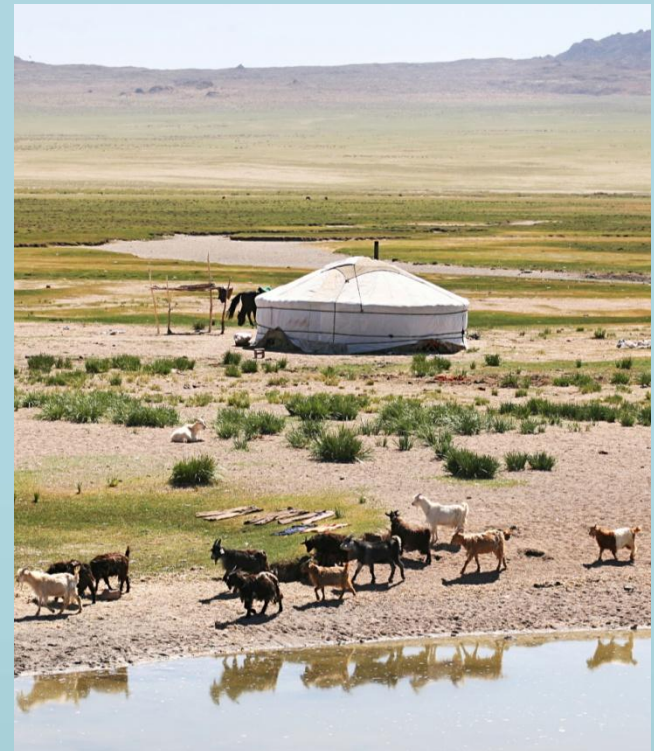


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Insurance after COP16/Current situation

- Cancun Adaptation Framework
- SBI Work Program on Loss & Damage
- Adaptation Committee
- National Adaptation Planning (NAP)





Advance unedited version

Draft decision -/CP.16

Outcome of the work of the Ad Hoc Working Group on long-term ~~Cooperative Action under the Convention~~

25. *Recognizes* the need to strengthen international cooperation and expertise to understand and reduce loss and damage associated with the adverse effects of climate change, including impacts related to extreme weather events and slow onset events³;

26. *Decides* to hereby establish a work programme in order to consider, including through workshops and expert meetings, as appropriate, approaches to address loss and damage associated with climate change impacts in developing countries that are particularly vulnerable to the adverse effects of climate change;

27. *Requests* the Subsidiary Body for Implementation to agree on activities to be undertaken under the above-mentioned work programme;

28. *Invites* Parties and relevant organizations to submit to the secretariat, by 21 February 2011, views and information on what elements should be included in the work programme, including the following:

(a) Possible development of a climate risk insurance facility to address impacts associated with severe weather events;

(b) Options for risk management and reduction; risk sharing and transfer mechanisms such as insurance, including options for micro-insurance; and resilience building, including through economic diversification;

(c) Approaches for addressing rehabilitation measures associated with slow onset events;

(d) Engagement of stakeholders with relevant specialized expertise;



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Opportunities for rethinking & innovation



- National level
- Meso level
- International level



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Autor:

Where you help is needed

- Design strategies, products, approaches that **link avoidance of loss & damage with risk transfer**
- **Have realistic expectations** of the UNFCCC process –process generates **dynamics that lead to action** on the ground
- Need for a **knowledge and experience “clearing house”** to **support adaptation** decision making





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Reward for change

- Governments can leverage the potential of insurance by recognizing the management of Loss & Damage as an integral part of Adaptation. This will increase protection of individuals & the economy, reduce weather impacts & foster sustainable development.
- In co-operation with regional, national & international actors insurance solutions have the potential to provide tangible results for the most vulnerable countries & soften the blow of climate-related disasters.





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Autor:

Thank you!

For more information, visit us at:

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