AXA

XL Reinsurance

# Recovering from catastrophe

In partnership with

UNIVERSITY OF CAMBRIDGE Judge Business School | Centre for **Risk Studies**

1992 1999 2004 2009 2010 2013 2015

Americas
**Hurricane Andrew**

Americas
**Vargas Landslides**

Central & South Asia
**Bangladesh Flood**

Europe
**L'Aquila Earthquake**

Pacific
**China Floods**

Pacific
**Typhoon Haiyan**

Europe
**Germany Floods**

Central & South Asia
**Gorkha Earthquake**

**Disaster ID**

Storm Flood Earthquake

**Economic recovery speed**

- < 6 months
- 6-11 months
- 1-2 years
- 3-5 years
- 6-10 years

**Economic recovery quality**

- Same
- Worse
- Much worse

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Pacific
**Christchurch Earthquake**
Proportion of Insured Loss: 80%

Despite high insurance penetration, the region and its infrastructure were not well prepared for earthquakes and the damage was significant, leading to a prolonged return to pre-disaster levels.

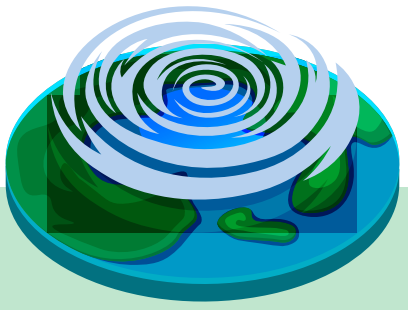
**Insurance Contribution to Outcome: CRUCIAL**



Europe
**Germany Floods**
Proportion of Insured Loss: 5.43%

Despite low insurance penetration, recovery from the floods was rapid, owing to good government preparation and decision-making and past experience of flooding in the area.

**Insurance Contribution to Outcome: IMPORTANT**



Central & South Asia
**Typhoon Damrey**
Proportion of Insured Loss: 0.10%

Recovery was remarkably quick but little attempt was made to build back better. Insurance played an insignificant role in recovery because people relied on loans from family and friends.

**Insurance Contribution to Outcome: NEGLIGIBLE**