

AXA Climate

Parametric insurance solutions



AXA Climate is an AXA entity dedicated to climate risks Department specializing in parametric insurance launched in 2014

AXA Climate is stronger thanks to the global presence, network, engaged workforce and financial strength of the AXA Group: AXA XL & AXA General Insurance entities all over the world





Customers



Financial Strength Rating by Standard & Poor's

AXA Climate's innovative solutions are recognized by renowned awards













We use climate indices that measure climate risk exposure to offer Parametric insurance solutions in **three simple steps**



We structure coverage with a relevant index, selecting pre-defined thresholds and payout amounts We monitor the climate index and if it is above or below the pre-defined threshold... ... A payout is received within a few days.

Adjustable

Transparent





Customer's pain points	Parametric solutions
1) High administrative cost leading to delays in receiving the payout and increased recovery costs	1) Quick and automatic payout as soon as the index reaches the pre-defined threshold. No loss adjusters are required to assess the damages.
2) Moral hazard about objectivity of data	2) The indices we use are from official statistics or third-party data providers
3) Traditional insurance is not available for some of my risks or goods	3) No exclusions in terms of perils or goods that are covered
4) No insurers accept to cover my financial loss when there is no physical damage	4) No exclusions in terms of type of loss*

*However, we do follow the AXA Group's exclusions: the loss occurred due to volcanic eruption, terror attack, nuclear explosion and we do not underwrite in countries under international sanctions



Our parametric solutions



AXA Climate offers parametric coverage across 40+ hazard datasets





Types of hazard triggers: Flood

Flood protection is customized to the client's flood exposure using both the latest advancements in satellite images and hydrological models

Satellite imagery

Condomities Condo

We use **satellite**, **radar and optical images** combined with a high resolution digital terrain model to obtain the water level height.

Hydrological models





We generate flood maps and obtain the flood footprint based on **rainfall amounts, digital terrain model data, water discharge and 2D hydrodynamic modelling**. The payout is triggered as soon as the pre-defined water level height threshold is reached.



Types of hazard triggers: Wildfire









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Client specifies **the geographical area of coverage and the risk period**. We agree upon the index, threshold and payout structure.

We use a **satellite-based solution** (NASA/Copernicus) that detects in real-time areas affected by wildfire.

The payout is triggered as soon as the pre-defined threshold is reached.



Types of hazard triggers: Urban heatwave









We use **weather stations' temperature data** and measure the number of days above the predefined threshold temperature.

The payout is triggered as soon as the pre-defined threshold of days is reached.

Client specifies **the geographical area of coverage and the risk period**. We agree on reference weather stations, the index, threshold and payout structure.