On-Demand Catastrophe Modelling Services

Cat modelling and exposure analytics on the Oasis Loss Modelling Framework

- Select suitable models from participating modelling vendors
- Pay-per-use, no annual fee/licences, zero client infrastructure required
- Quick response for underwriting and portfolio management, by experienced Xceedance team
CATASTROPHE MODELLING AT A GLANCE

The science of modelling natural disasters and other catastrophic events is probabilistic and designed to provide the best view of your risk. The definition of "best view" is subjective, of course, based on the data and its interpretation. Risk managers and re/insurance organizations often like to evaluate risks through the lens of more than one credible model; but they're frequently limited due to the cost and effort required to run multiple models. And some insurance organizations do not have any in-house models. Accordingly, the industry needs easier access to a platform on which to produce credible modelled results with minimal effort.

That's where Xceedance comes in.

CATASTROPHE MODELLING ON DEMAND

Long before the company was founded, the people of Xceedance were insurance experts, strategic operations consultants, data scientists, and software developers. Since then, we have worked across the full re/insurance value chain for the benefit of our clients and partners. That's why catastrophe modelling and analytics is one key area of our expertise. And it's why — in partnership with several accomplished model developers — we're offering **On-Demand Catastrophe Modelling Services** on the **Oasis Loss Modelling Framework**.

Reliable models for exposure management, insightful decision analytics, and customised services are the ways in which we can provide value for re/insurance organisations. We use the Oasis open-source platform for deploying and running a wide range of catastrophe models — with a full simulation engine, and no restrictions on the choice and work products of participating model developers.

On-demand services are provided with no annual licensing requirements and with the flexibility to choose diverse peril models from a community of expert modelling providers. You can request a single analysis or choose to request several analyses in bulk and in advance. The process is simple and effective: Your organisation gives us the data. You tell us the model and the country/peril analyses you want. Then we deliver the model results back to your operation in a pre-determined format.
SPECIALISATION COUNTS

With our insurance know-how, we make it easier and more flexible to use the Oasis Framework. That’s the power of On-Demand Catastrophe Modelling Services. We have the expertise to analyse catastrophic losses, document our assumptions, and rate and price risks appropriately.

On-Demand Catastrophe Modelling Services include:

- Taking your raw data and extracting the material elements
- Organising your data in an industry-standard format
- Validating, geocoding, and verifying the accuracy of your data
- Running data in country/peril specific models
- Applying policy terms and conditions for limits, sublimits, and deductibles into the exposure
- Detailing any assumptions we make
- Providing a full report, including loss metrics
- Ensuring compliance with re/insurer regulatory requirements
- Adhering to prevailing data privacy and data processing regulations

Benefits include:
- Helping to refine your view of risks
- Reducing the cost of licensing and deploying multiple cat modelling platforms
- Eliminating the cost of hiring data/cat modellers
- Lowering management, IT infrastructure, and G&A overheads

Learn More About On-Demand Catastrophe Modelling Services

Think about it. Dependable models. Intuitive analytics. Financial modelling, reporting, and recommendations. Insurance expertise and services on demand. No platform licensing or deployment. Lower overheads. That’s a business-improving operational benchmark worth exploring.

Let’s talk.

Contact Justin Davies, EMEA region head at Xceedance via email: justin.davies@xceedance.com.
ABOUT OASIS LOSS MODELLING FRAMEWORK

Oasis Loss Modelling Framework (Oasis LMF) is a not-for-profit company founded in 2012 to open up the world of catastrophe modelling. It is collectively owned by close to 40 of the world’s leading insurers, reinsurers, brokers and financial institutions. Together, with an Associate Membership of almost 100 companies and academics, it forms a widespread community of organisations dedicated to improving exposure management and catastrophe risk modelling, and strengthening links between relevant work in the scientific community and business users. Oasis provides open source software, encourages a vibrant community and stimulates innovation. Oasis software, code and full documentation is available via GitHub (https://github.com/OasisLmf) enabling active engagement with a broad community of users.

ABOUT XCEEDANCE

Xceedance is a global provider of strategic operations support (SOS), which includes consulting, managed services, data sciences, and technology across the entire insurance lifecycle. Insurance organisations can achieve their target operating models with the help and experience of Xceedance. The company’s proficiency extends to underwriting, actuarial services, catastrophe modelling and exposure management services, policy services, claims, BI and reporting, finance and accounting, and application development. Domiciled in Bermuda, Xceedance has clients on four continents and offices in the U.S., the U.K., Germany, Poland, India, and Australia.

As forward-looking problem-solvers, Xceedance helps insurers, reinsurers, brokers, and MGAs/MGUs worldwide do more business, more efficiently. Because we have extensive insurance experience and deep technical proficiency, we create value in every engagement by bringing about measurable operational improvements. And because we combine knowledge and technology effectively — so diverse insurance organisations can achieve their objectives — our clients routinely cite us as agents of their transformation and success. For more information, please visit: www.xceedance.com.

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Interest in the community includes these modelling companies, with more expected:

› Ambiental
› ARA
› CatRisk
› COMBUS
› CoreLogic
› ERN
› Fathom
› Impact Forecasting
› JBA Risk Management
› RED