On-Demand Catastrophe Modeling Services

Cat modeling and exposure analytics on the Oasis Loss Modeling Framework

- Enable an alternative view of the risk for strategic decision making
- Gain additional insights into the risk profile
- Overcome known limitations and boost confidence in analysis
- Access one-time view of risk for a specific region/peril on-demand
- Select suitable models from participating modeling vendors
- Pay-per-use, no annual fee/licences, zero client infrastructure required
- Expert and quick response to aid underwriting decisions and portfolio management, by experienced Xceedance modelers
CATASTROPHE MODELING AT A GLANCE

The science of modeling 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 are 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 modeled results with minimal effort.

That’s where Xceedance comes in.

CATASTROPHE MODELING 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 modeling 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 Modeling Services on the Oasis Loss Modeling Framework.

Reliable models for exposure management, insightful decision analytics, and customized services are the ways in which we can provide value for re/insurance organizations. 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 modeling 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 organization 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.
SPECIALIZATION 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 Modeling Services. We have the expertise to analyze catastrophic losses, document our assumptions, and rate and price risks appropriately.

On-Demand Catastrophe Modeling Services include

- Formatting, cleansing, geocoding, and organization of data in a standardized model-agnostic data format
- Application of policy and location financials to reflect the correct structure of the risk
- Model analysis, interpretation of results, and preparation of a risk analysis report with comments from expert modelers
- Insights into model USP, sensitivity, and fact sheet, and benchmarking of results to boost confidence
- Single account and portfolio evaluation, gap and impact analysis, and solution consulting
- Simplified consumption of alternative views of risk with model-agnostic expert commentary

With Xceedance On-Demand Catastrophe Modeling Services on the Oasis Loss Modeling Framework, risk managers and re/insurance organizations can:

- Leverage expert support to help the underwriter navigate a new view of the risk, manage change, and enhance model confidence
- Evaluate new peril/region models for suitability to their portfolio and business requirements
- Apply objective selection criteria with strategic consultancy to choose the right model
- Reduce the cost of licensing and deploying multiple cat modeling platforms
- Eliminate the cost of hiring data/cat modelers and optimize management, IT infrastructure, and G&A overheads

Learn More About On-Demand Catastrophe Modeling Services

Think about it. Dependable models. Intuitive analytics. Financial modeling, 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
**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](https://github.com/OasisLmf)), enabling active engagement with a broad community of users.

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**On-Demand Catastrophe Modeling Services**

The following modeling companies have been onboarded or have shown interest in our on-demand offering, with more expected soon:

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

To learn about model availability for specific regions and perils, go to: [xceedance.com/on-demand-cat-modeling-services](http://xceedance.com/on-demand-cat-modeling-services)

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**ABOUT XCEEDANCE**

Xceedance ([www.xceedance.com](http://www.xceedance.com)) is a global provider of strategic consulting and managed services, technology, data sciences and blockchain solutions to insurance organizations. Domiciled in Bermuda, with offices in the United States, United Kingdom, Liechtenstein, Germany, Poland, India, and Australia, Xceedance helps insurers launch new products, drive operations, implement intelligent technology, deploy advanced analytic capabilities, and achieve business process optimization.

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