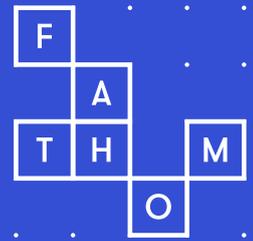


Fathom-US CAT

The first fully peer-reviewed and validated US flood catastrophe model.



Flood Risk Intelligence

The model builds upon the Fathom-US inland flood model, transforming leading hazard data into many thousands of years of plausible flood events.



Nasdaq Modex & Oasis enabled

Fathom-US CAT has been built to run in the Oasis LMF and is available via Nasdaq Modex. It can also be run in a stand alone environment.



Vulnerability functions built using NFIP data

More representative flood losses are modelled using real, measured data from millions of insurance claims.

10,000 year event catalogue
>500,000 events

100%

of river channels

All river channels from large rivers to small streams are explicitly represented.

Fluvial & Pluvial flooding

Total representation of rainfall-driven flooding.

Flood defences included

Bespoke flood defence dataset built in collaboration with multiple US partners.

Latest data

Fathom-US CAT uses the latest US hydrography data from the USGS.

Fathom-US CAT enables:

- Consistent view of risk across whole US.
- Understanding the impact of changes to reinsurance programmes.
- Realistic loss simulation.
- Competitive pricing with US wide analysis.
- Portfolio management with concentration of risk and impact of diversification.
- Long-term loss estimates.
- Evaluation of capital requirements for low frequency, high severity flood events.
- Complete US flood exposure quantified across entire portfolios.

Please get in touch if you would like to know more about our products.

Email
info@fathom.global

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www.fathom.global/fathom-us-cat

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Flood Risk Intelligence