



ClimateScore™ Global Flood

Part of the CSG Peril Model Suite



Know your comprehensive flood risk now and in the future.

ClimateScore Global Flood, Jupiter's advanced flood model produces worldwide **historical, current, and future** flood hazards. Leveraging cutting-edge advancements from the global scientific community and Jupiter's own team of world-class scientists, CSG Flood™ delivers your risk at flexible resolutions anywhere on Earth's land surface.*

Surpassing what historical-based catastrophe models can provide, the simulations underlying ClimateScore Global's hazard maps more **accurately account for the ever-changing climate**.

Combine fluvial, pluvial, and coastal modeling, both defended and undefended, to view your total flood risk.

River & Floodplain Geometry

River network connectivity incorporates even small and temporary channels, so streamflow is routed more accurately upstream to downstream.

Tropical Cyclone Impacts

Fully stochastic approach considering the combined effects of wind, rain, and flood.

Flood Defense Modeling

Physical modeling of the effects of levees and seawalls on coastal and fluvial flooding.

Quantified Uncertainty

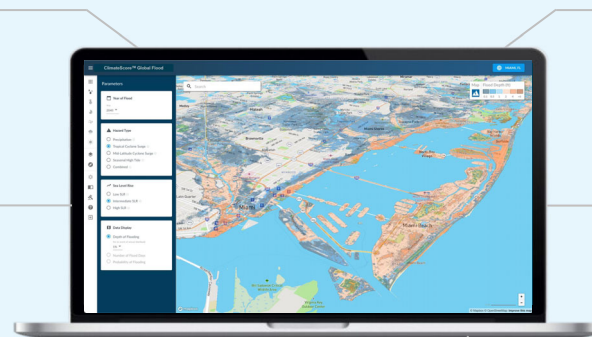
Understand the range of flood depths that sensitive assets could be exposed to.

Climate to Hazard Impacts

Model the physical damage and business interruption due to flooding.

Extensive Date Ranges

Data for the historical reference period and every 5 years from 2020 to 2100. Flooding at return periods ranging from 10 to 500 years.



* Except for Antarctica

Make informed decisions to prepare for asset damage, mitigate property loss, and even save lives.

Available in 3 resolution ranges, CSG Flood has the flexibility to assess your flood risk from the portfolio to the asset level.

CSG Flood™



Portfolio-scale, global analysis of flood risk covering flexible time horizons and emissions scenarios.

- **Resolution** | 90 meters
- **Use Cases** | Regulatory disclosures, portfolio-level risk assessment
- **Product Availability**
Comes standard with all ClimateScore Global packages
- **Geographic Availability**
Globally available*

CSG Flood™ Plus



Asset-level analysis that reveals flood risk at a level that informs your adaptation measures.

- **Resolution** | 10-20 meters
- **Use Cases** | Enterprise underwriting, asset-level risk assessment, industrial exposure
- **Product Availability**
Available as an upgrade in ClimateScore Global or as a standalone product
- **Geographic Availability**
Available in the US, Europe, and UK, with Canada, Japan and Australia coming soon

CSG Flood™ Focus



Asset-specific investigations that can predict flood levels for assets as small as a loading dock—with actual and “what if” defenses.

- **Resolution** | 1-3 meters
- **Use Cases** | Risk engineering, Individual asset risk assessment, adaptation
- **Product Availability**
Available as an upgrade in ClimateScore Global or as a standalone product
- **Geographic Availability**
Globally available*

* Except for Antarctica