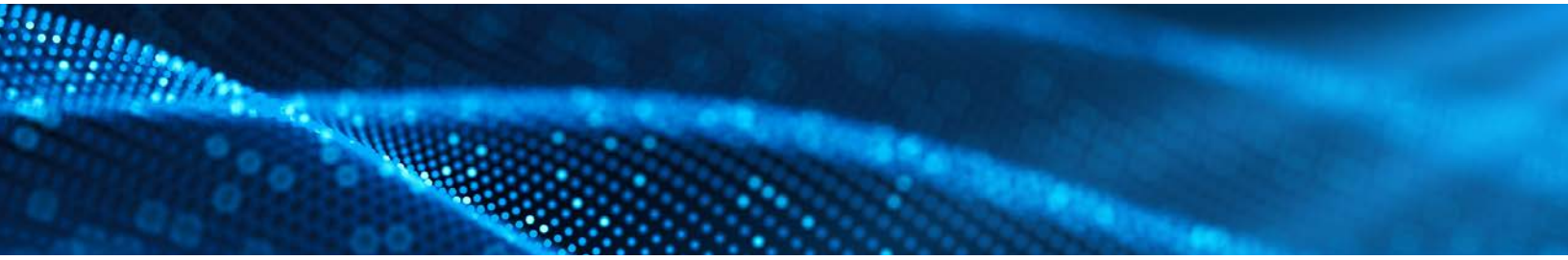
CLIMATE AIR TOOLBOX



Climate PREDICT

Organization

Ortec Finance

Summary

Climate PREDICT is an efficient tool for estimating the GDP impacts of climate change per any official or bespoke scenario. The results are based on data from over 1,860 cities, which are then aggregated to the country, regional, or global level. Four main perils are analyzed in these scenarios: geological, meteorological (storm), hydrological (flood), and climatological (drought). Slow-onset impacts such as sea level rise are assessed separately. The tool reports the extent to which climate change increases the number of events. The estimates incorporate the effects of latitude (Arctic amplification) on climate impacts. Data visualizations in a PowerBI platform show the number of events, losses, and GDP impacts by peril, location, year (up to 2100), and scenario.

Climate Focus

Alignment	**Impact**	**Risk**

Resource Type

Data & Metrics	**Pathways & Scenarios**	**Assessment Tools**	Methodology	Target Setting Guidelines & Verification	Reporting Frameworks & Guidelines	Collaborative Initiatives

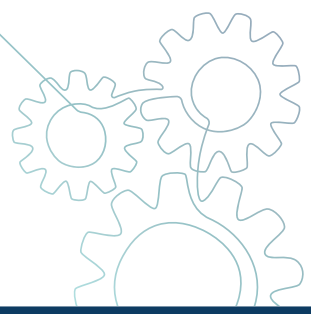
Intended Users

Banks	**Investors**	**Insurers**	**Central Banks**	**Regulators**

RMI

Center for Climate Aligned Finance

CLIMATE
AIR
TOOLBOX



Climate PREDICT

WHO	Users interested in conducting assessments of climate risk on financial portfolios
WHAT	• PREDICT enables financial institutions to calculate the absolute economic impacts (in US dollars) of extreme weather events by location as part of broader studies involving econometric tools (e.g., Cambridge Econometrics' E3ME and Climate MAPS) to assess the impact of climate change on financial portfolios • PREDICT has also been used for assessing future climate-dependent risks (e.g., the impact of water resource availability)
WHEN	• When conducting scenario-based portfolio or economic analysis • When conducting materiality assessments in order to scan a portfolio and prioritize areas for further, more detailed risk analysis • When determining relative amplification of risk during climate change
WHERE	PREDICT can be used for climate risk management of physical asset portfolios and for infrastructure planning and management in 150 countries, 1,800 cities, or at continental scales
WHY	• To make detailed yet rapid assessments of risk without the need for mass data inputs, paving the way to conduct more targeted and detailed analysis with "bottom up" tools if needed • For regulatory compliance, risk management, and creating climate-related disclosures • For portfolio management and risk assessment
HOW	For more information, visit the **ORTEC website**

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