

S&P Global Climonomics

Organization

The Climate Service & S&P Global Company

Summary

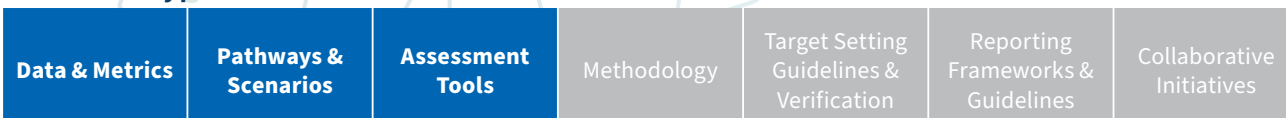
The S&P Global Climonomics platform provides climate risk analytics to identify and measure climate risk in assets, businesses, and investment portfolios. The platform assesses seven physical hazards (drought, wildfire, temperature extremes, water stress, coastal flooding, river flooding, and tropical cyclones) to real assets under four climate scenarios based on the IPCC's Representative Concentration Pathways (RCPs). These pathways describe different climate futures, all of which are considered possible depending on the volume of greenhouse gases emitted in the years to come.

The platform is built on up-to-date and rigorous climate science data sets, including from the IPCC, the National Oceanic and Atmospheric Administration (NOAA), the World Wildlife Fund (WWF), and more. The models on which Climonomics bases its analytics are available directly in the platform, and the complete literature-based document library of the platform's impact functions can be made available for auditing and explainability purposes.

Climate Focus

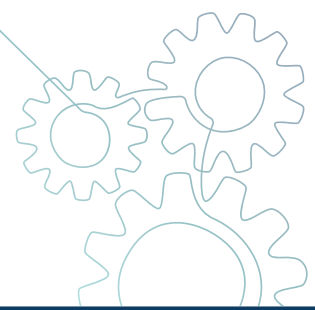


Resource Type



Intended Users





S&P Global Climonomics	
WHO	Users interested in identifying and measuring climate risks in assets, businesses, and/or investment portfolios
WHAT	<ul style="list-style-type: none"> • The platform enables companies and investors to measure the climate risk of their assets and portfolios • Users upload basic information about their assets — type, location, value — and the platform models expected losses due to climate change • Users can analyze seven different hazards for more than 270 asset types anywhere in the world • Users can also perform scenario analysis to explore different climate futures out to the year 2100 • Climonomics uses a robust, transparent, and verifiable global risk modeling methodology that leverages a hazard-vulnerability-risk framework, similar to that used by insurance companies
WHEN	<p>Climonomics should be used when incorporating climate risk into decision-making such as:</p> <ul style="list-style-type: none"> • Investment decisionmaking and strategy • Responsible/sustainable investing • Risk management and resilience • Compliance and reporting
WHERE	<p>The expected loss outputs can be used for analyzing bottom-up climate risks (i.e., from real economy climate assets) for use in:</p> <ul style="list-style-type: none"> • Business operations • Risk management • Strategic planning • Investment due diligence • Portfolio analysis • Credit modeling for residential (mortgage) and commercial lending • Project finance due diligence • Task Force on Climate-Related Financial Disclosures (TCFD) reporting
WHY	<ul style="list-style-type: none"> • Developing greater transparency into climate risk exposure can enable companies and investors to manage these risks over the medium and long term • Assessing the financial impacts of climate risks using Climonomics outputs can provide actionable and decision-useful insights to manage risks and capture opportunities from climate change
HOW	Interested users can find more information on the S&P Global website