

# Nature Risk Metrics at Issuer Level

Understand Nature-Related Risks and Opportunities Across Portfolios



Nature-related risks are financially material; trillions in global corporate revenues depend on nature's services, from water availability to soil fertility and climate regulation. As biodiversity declines, companies face rising nature-related physical and transition risks, including stranded assets, supply-chain disruptions, and price volatility.

The MSCI Nature Metrics – Issuer Level module helps investors identify, measure, and manage nature related physical and transition risks and opportunities at the company level and their capacity to mitigate or adapt through policies, programs, and risk management processes.

It assesses issuers' negative impacts on nature (e.g., land use, water use, GHG emissions, and pollution). And it also highlights nature-positive opportunities, such as revenue from sustainable products or nature-based solutions.

Incorporating data such as the WWF Biodiversity Risk Filter, MSCI's framework is designed to align with the TNFD's LEAP approach, supporting screening, risk quantification, and disclosure.

Together, these metrics enable investors and banks to translate nature and biodiversity risks into financial insights, helping them protect long-term value while aligning portfolios with emerging regulations and global sustainability goals.

**3M**  
Locations

**17**  
WWF BRF indicators

**54**  
new company level risk metric



### Risk and portfolio management

Conduct nature-related materiality assessments and screen portfolios or loan books for concentrations of exposure to key environmental hazards such as water scarcity, pollution, or ecosystem degradation



### Engagement and advisory

Build new opportunities for active ownership, engagement and advisory by identifying companies with high nature impacts and risks



### Reporting and disclosure

Designed to help clients seeking to align with disclosure mandates, regulatory and non-regulatory frameworks such as TNFD, CSRD, GRI and Finance for Biodiversity Pledge

### Who could benefit?

#### Risk teams:

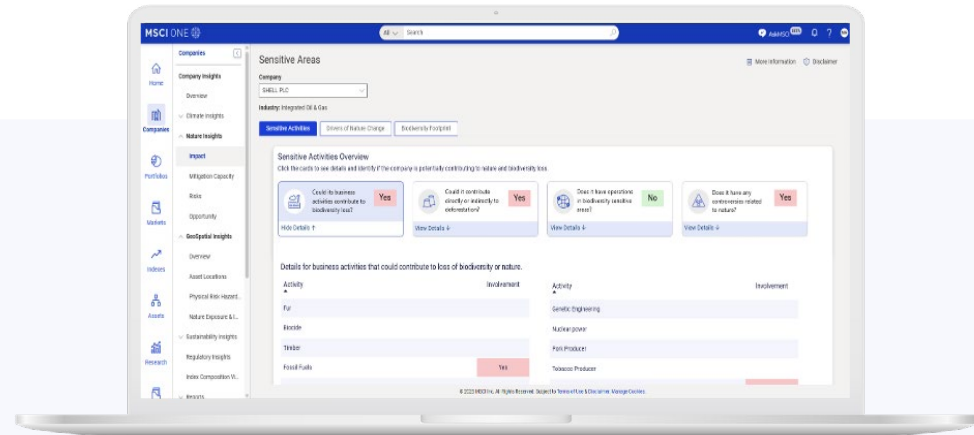
Screen and identify risk signals, monitor nature-related pressures, and analyze asset-level exposures

#### Advisory teams:

Define and classify nature-related risk factors, assess client strategies, and identify financing opportunities

#### Investment teams:

Create investment products, manage active funds, generate investment ideas and conduct fundamental research



### MSCI ONE dashboard

Visualize and explore the model components

- Measuring potential impact on nature
- Assessing exposure to nature-related physical and transition risks and opportunities
- Evaluating company's capacity to mitigate risk and impact

## Why MSCI?

### Granular, location-based data

Asset-level insights enable identification of risk clusters across watersheds, sectors, and value chains. 3M asset locations for 700k private & public companies<sup>2</sup> insights enable identification of risk clusters across watersheds, sectors, and value chains.

### Transparency and flexibility

Access underlying component metrics and scores via intuitive dashboards, data feeds and flexible APIs.

### Grounded in materiality and trusted methodologies

Built on the same principles that underpin MSCI ESG Ratings, connecting environmental metrics to financial outcomes.

<sup>2</sup> Data as of October 2025

## Take the next step

Gain clarity on nature and biodiversity risks. Contact us to discover how MSCI's Nature and Biodiversity solutions can help you assess, compare, and act on nature-related risks across portfolios.

## About MSCI

MSCI (NYSE: MSCI Inc.) strengthens global markets by connecting participants across the financial ecosystem with a common language. Our research-based data, analytics and indexes, supported by advanced technology, set standards for global investors and help our clients understand risks and opportunities so they can make better decisions and unlock innovation. We serve asset managers and owners, private-market sponsors and investors, hedge funds, wealth managers, banks, insurers and corporates.

To learn more, please visit

## About MSCI Sustainability and Climate Products and Services

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