



MSCI GeoSpatial Asset Intelligence

Identify risk where it matters.
Explore location-specific exposure.
Quantify financial impact.



This is an
interactive brochure



Introduction

The transition to a low-carbon economy is taking longer than expected. But physical risks from climate change are accelerating globally – and their impacts are felt at the local level.

A record amount of extreme weather events hit Earth in 2023 with damages totalling over¹

\$300 billion.

50%
of global economic output is dependent on functioning ecosystems, while biodiversity is on the verge of collapse over the coming decade.²

MSCI GeoSpatial Asset Intelligence

MSCI GeoSpatial Asset Intelligence helps you understand how much physical risk is in your portfolio or loan book by delivering drill-down insights to individual asset locations. Powered by artificial intelligence (AI) for data collection processes, mapping capabilities, and enhanced coverage on-demand, we help you identify the operational assets that matter.

¹ Yale Climate Connections. 2024. "A record 63 billion-dollar weather disasters hit Earth in 2023."

² Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). 2020. "The Global Assessment Report on Biodiversity and Ecosystem Services."

What can you accomplish with MSCI GeoSpatial Asset Intelligence?



Explore location-based data worldwide.

Get a broad picture of your portfolio or loan book at the location level. MSCI GeoSpatial Asset Intelligence delivers continuously expanding location-based data for more than 70,000 public and private companies around the world³. We can increase coverage for additional corporates and their locations on request. Additionally, you can submit any real estate location for on-the-fly outputs.

We know quality coverage is important, so we leverage our Google Cloud partnership and use advanced technologies like Large Language Models (LLMs) to filter the noise and feed the data that matters into our GeoSpatial Asset Location dataset.



Drill into asset-level details for the corporate and real estate locations in your portfolio or loan book.

Explore and assess critical location-level details for the companies that matter to you. Find out where a company's physical assets are located, the size of the facilities, and the owner or operator. MSCI GeoSpatial Asset Intelligence also includes 65 different activity types – from offices to warehouses to manufacturing facilities and more – helping you understand what companies do at each location.



Discover the effects of extreme weather and chronic hazards.

Plan and prepare for a more resilient future by pinpointing the locations that are exposed to physical risk. View the locations' exposure to 12 hazard types – covering both chronic and acute physical risks, such as floods, storms and heat waves – over 11 different climate scenarios (NGFS and IPCC) and various time horizons. Quantify the financial impact for each location – both asset damage and business interruption. Get a clear view of financial risk and find better financial opportunities by drilling down to any location, exploring by hazard type, climate scenario, or point in time.

What can you accomplish with MSCI GeoSpatial Asset Intelligence?



Report and manage financial risk and impact exposure.

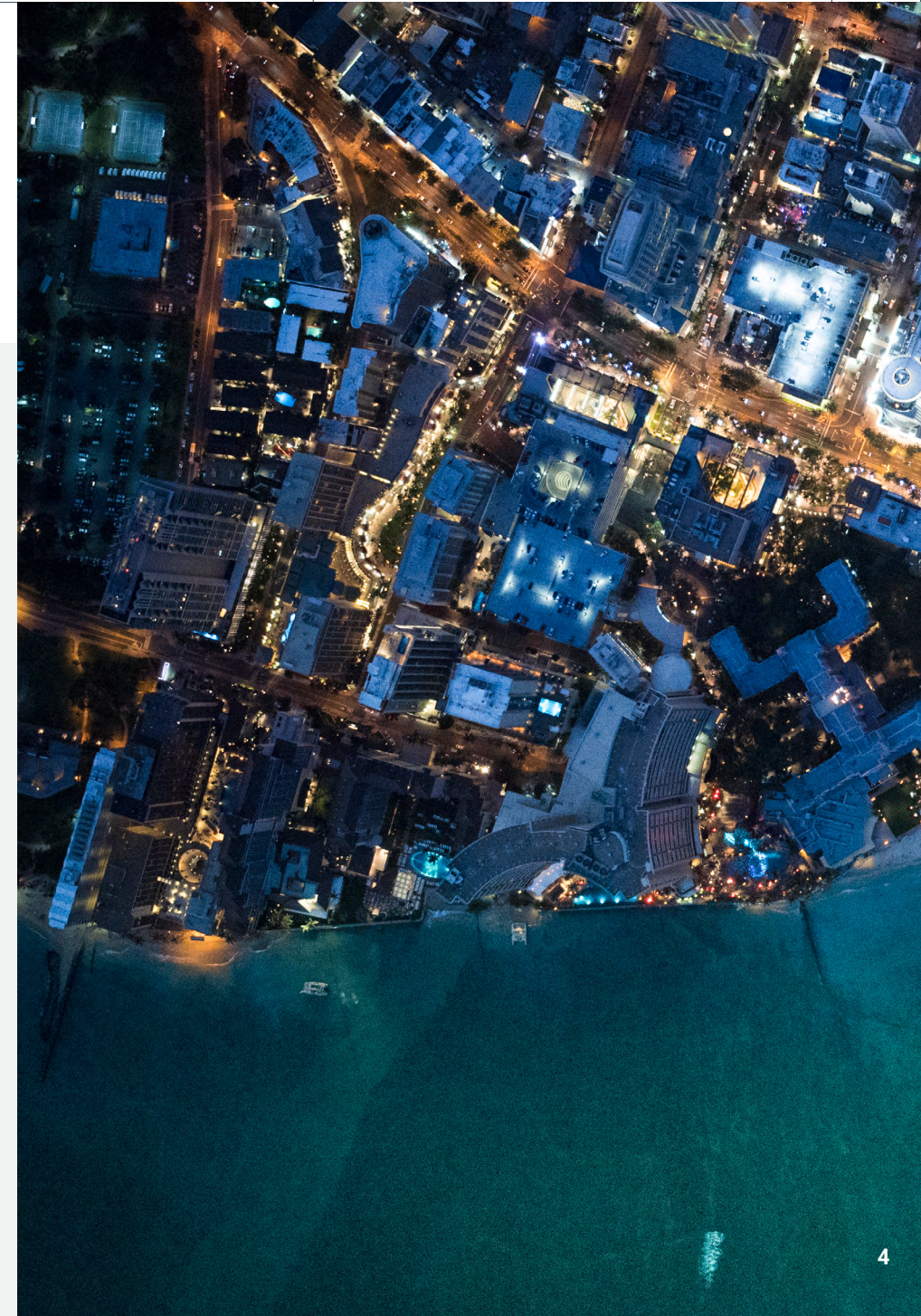
Insight into where a company operates is essential for risk management, investment/lending due-diligence, regulatory and disclosure alignment, and corporate engagement.

Get a global view of highly detailed and verified data to explore what's driving climate and nature-related risk at the location level. Identify the insights you need to make better investment decisions. Helping you report against regulatory frameworks, such as ISSB/TCFD, OSFI, EBA Pillar 3, CSRD or align with guidance, such as the LEAP framework.



Explore exposure to nature-related risks at the location level.

Uncover the effects of nature intactness or degradation. Identify potential risk exposure by knowing whether a company in your portfolio or loan book has operations in biodiversity-sensitive areas or deforestation fronts.



Why MSCI?

Worldwide data

Continuously expanding, detailed location-based data of 70K public and private companies with over 1M locations.



Increase coverage

Enhanced coverage for our clients by using on-demand data collection for missing companies or funds, adding relevant location data to expand our core coverage universe.



Drill-down view

Zoom in any location, explore by hazard type, climate scenario or point in time.

Access an extensive core mapping file that enables you to match any identifier in your portfolio with our large asset location core universe.



Flexible Delivery

We deliver outputs flexibly through Snowflake to ingest into your in-house models.

Choose which modules match your needs.



Expertise you can rely on

Powered by Knowledge

Developed by thematic expert teams across climate and nature science, geospatial engineering, real estate, AI technology.

AI Enabled

In collaboration with Google Cloud, we use AI and Large Language Models (LLM) to enhance our data collection and querying processes to fuel the calculations that power our solution.

Visit

msci.com/our-solutions/climate-and-net-zero/msci-geospatial
to request a demo today.

Advanced Climate Technology

Backed by MSCI's data-collection, geospatial engineering and real estate expertise.

Strengthened by Collaboration

Supported by MSCI's partnership with Fathom, part of Swiss Re.





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