



Providing sustainable solutions

Climate Risk Intelligence for Compliance, Business Value, Strategy, and Resilience

www.ccr.earth

Why Climate Risk Demands a New Approach

Climate change is no longer a distant issue—it is a material, financial and operational risk that must be addressed today. Organisations face mounting scrutiny under IFRS S2 and increasing expectations from investors, regulators, and insurers to demonstrate how climate risks are assessed, quantified, managed and reflected in asset and portfolio valuations

CCR Climate Risk Services translate climate science into actionable intelligence—helping you meet disclosure requirements while embedding resilience into business strategy and decision-making.

Guided by Global Standards

Our services are designed in alignment with IFRS S2 and informed by the **Principles for Climate-Related Assessment Methodologies (PCRAM v2)**, which emphasise:



CCR applies these principles across every engagement to ensure your reporting is credible, comparable, and investor-ready.



Key Features

Gain clear visibility into how physical and transition risks could shape your portfolio over time. Explore different climate pathways, uncover vulnerabilities across assets and portfolios, and take decisive action with clarity

- **Compliance Ready:** Fully compliant with regional and international disclosure standards such as IFRS S2, ASRS, ESRS, TCFD, SBTi, PCRAM and more.
- **Scenario Modelling:** Stress test assets and strategies under 1.5°C, 2°C, and 4°C climate pathways.
- **Physical Risk Assessment:** Evaluate exposure to floods, heat, fire, storms, and sea-level rise.
- **Transition Risk Insights:** Quantify risks and opportunities from policy shifts, carbon pricing, and market dynamics.
- **Financial Materiality Mapping:** Directly link climate risks to balance sheet impacts and Asset Management Plans.
- **Cross-Sector Relevance:** Applicable to finance, energy, agriculture, real estate, manufacturing, government, and beyond.

Our Solution: A Three-Step Approach

1

Detect (Risk Intelligence & Scenario Modelling)

- Asset- and portfolio-level assessment of physical climate risks using high-resolution datasets.
- Analysis of transition risks including regulatory, technological, and reputational drivers.
- Integration of nature-related and biodiversity risks in line with emerging standards.
- Multi-pathway scenario testing to understand resilience under varied climate and policy futures.

2

Report (Disclosure-Ready Outputs)

- IFRS S2 / ISSB-aligned reports with clear financial linkages.
- AI-assisted workflows and templates for structured disclosures.
- Automated production of investor- and regulator-grade reports with full audit trails.
- Benchmarking and peer comparisons to position your organisation against market leaders.

3

Act (Strategic Insights & Adaptation Pathways)

- Identification of priority risks and opportunities tailored to your sector.
- Cost-benefit analysis of adaptation and mitigation measures.
- Actionable recommendations for capital allocation, insurance planning, and supply chain resilience.
- Ongoing monitoring and alerting to track shifts in hazards, regulations, and markets.

The CCR Advantage



Technology-Driven

Powered by CCR's Climate Intelligence Platform for rapid, scalable analysis.



Tailored to Your Sector

Benchmarks and materiality thresholds specific to your industry.



Decision-Ready Outputs

Investor-grade reports and executive dashboards for seamless integration into governance.



Beyond Compliance

Supporting long-term resilience, growth, and competitive advantage.

Technology & Methodology Edge

- ✓ Engineering-based climate risk engines combining projections, exposure datasets, and vulnerability models.
- ✓ Probabilistic modelling to quantify financial and damage outcomes.
- ✓ Scalable, secure, cloud-enabled architecture with API integration.
- ✓ Transparent, auditable processes fully aligned with PCRAM v2 best practices.
- ✓ Insights delivered at both asset and portfolio scale for strategic decision-making.



Business Value & Outcomes

Our services go far beyond compliance—they create measurable business value:

- **Regulatory & Investor Confidence:**
Stay ahead of disclosure mandates with trusted, audit-ready outputs.
- **Resilience & Value Protection:**
Safeguard assets, reduce exposure, and maintain continuity.
- **Stakeholder Trust:**
Build transparency and credibility with regulators, investors, and communities.

- **Better Decisions:**
Integrate climate risks into investment, lending, and operational planning.
- **Opportunity Capture:**
Unlock growth through low-carbon markets and resilience services.

Why CCR?

At CCR, we bring together the disciplines of climate science, finance, and technology to help organisations navigate the complexities of climate risk with confidence. Our approach is built on deep expertise, proven experience, and advanced digital capabilities.



Experienced Team:

Our experts combine decades of knowledge in sustainability, risk management, and financial services with hands-on experience in delivering climate intelligence across industries and geographies.



Scientific & Technical Rigor:

We use globally recognised climate models, engineering-grade methodologies, and robust datasets to deliver insights that withstand regulatory and investor scrutiny.



Advanced Technology:

Powered by CCR's Climate Intelligence Platform, our solutions are scalable, cloud-enabled, and designed for seamless integration with enterprise systems.



Practical Business Insight:

We understand the realities of corporate decision-making. Our outputs are not just technically robust—they are structured to inform boards, investors, and operational teams in ways that drive action.



Trusted Partner:

CCR has a proven track record of supporting clients across finance, corporates, real assets, and government with climate risk assessments, disclosures, and resilience strategies.



Climate risk isn't just about compliance—it's about shaping a resilient and competitive future. Partner with CCR to move from disclosure to strategy, from risk to resilience.

Who We Work With



Financial Institutions

Banks, Insurers, Asset Owners, Asset Managers



Corporates

Energy, Mining, Manufacturing, Agriculture, Retail, Technology



Real Assets

Property, Infrastructure, Utilities, Logistics



Public Sector

Local Governments, State Agencies, Development Authorities



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