



Climate Risk & Response

Physical climate risk data services



CLIMADA
Technologies



Climate change is posing both risks and opportunities to your organisation – affecting assets, operations, and growth.

However, many organisations are struggling to access the consistent, high quality, and actionable climate data needed to identify their most material risk exposures, and support robust and transparent decision-making.

In response, KPMG has entered into a unique global partnership with ClimSystems and CLIMADA Technologies to provide affordable, site-level climate hazard, exposure, and vulnerability data.



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Technologies



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Flooded rural road during cyclone Gabrielle

Physical climate risk data services

We can provide you with actionable data to inform robust and timely decision making.



Our offering

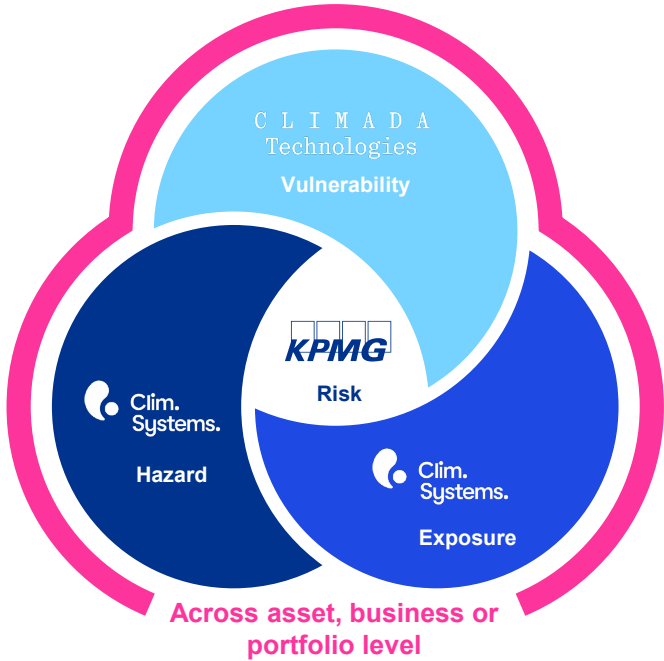
Rapid, affordable, and robust assessment of climate hazard, exposure, and vulnerability, including:

- 70+ climate hazards and variables, available at a site-specific geospatial level (asset/location) down to 30m of granularity.
- Data sets aligned with major climate scenarios (e.g. SSP3-7.0) at 5th, 50th, and 95th percentile.
- Integrated impact quantification across multiple methods (e.g. Value at Risk for extreme events).
- Advisory support, including integration with our digital and risk management services (e.g. risk dashboards).



The value

- **Cost-effective** – market-leading per-site rates for level data quality compared to other providers.
- **High-quality** – globally consistent data sets from the latest sources.
- **Transparent** – open source, peer reviewed data, with full documentation for disclosure purposes.
- **Globally consistent** – comparable data across global organisations, locations, and supply chains.
- **Insights** – support from our Climate Risk and Digital teams to turn data into actionable insights.



Use cases



Compliance with global and local reporting requirements (inc. NZ CS 1, AASB S2, IFRS S2)



Socioeconomic impact modelling



Financial quantification and assessment of climate risks



Due diligence and asset screening



Business case integration and cost-benefit analysis



Adaptation and transition planning

Process & outputs

We provide a flexible, tailored service for hazard and/or impact quantification. A standard engagement typically includes the following steps:



Standard Outputs:

We have several output options depending on your needs.



Bespoke outputs and options

Including non-standard climate hazards, long-tail risks, network and place-based analysis and extended time horizons. We can help build comparable and aligned data views for multinational asset registers and to meet the requirements of different jurisdictions. Our expert team can support you with integrating this into socio-economic and transition analysis to provide a holistic view of climate impacts on your assets, services resilience and value.





For more detailed or technical information, reach out to our key contacts:



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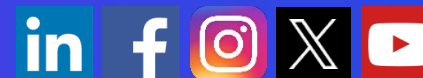
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