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Data & AI

Data Literacy for Sustainability Metrics & Climate Risk Analysis Playbook

Reading climate risk projections with enough understanding of their genuine uncertainty ranges

- Practitioner
- Intermediate
- Template Included

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- 4 minute(s)

Overview

A framework for building data literacy specifically around sustainability metrics and climate risk analysis — climate model uncertainty interpretation, scenario-based thinking, and appropriately communicating climate risk projections to business stakeholders without false precision or false reassurance.

Climate risk models seem highly technical — is deep climate

science expertise necessary to use them for business decisions? Deep climate science expertise isn't required, but genuine literacy about how to interpret model uncertainty ranges and scenario-based outputs is essential — treating a climate projection as a single precise prediction, rather than understanding it as one scenario among a plausible range, is a common and consequential misinterpretation.

What's the most common data literacy gap specifically in climate

risk communication to business stakeholders? Presenting a single climate scenario's projection as if it were a confident forecast, rather than communicating the genuine range of plausible outcomes across different scenarios and their associated uncertainty.

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for business decisions?\nDeep climate science expertise isn't required, but genuine literacy\nabout how to interpret model uncertainty ranges and scenario-based\noutputs is essential — treating a climate projection as a single\nprecise prediction, rather than understanding it as one scenario among\na plausible range, is a common and consequential misinterpretation." } }, { "@type": "Question", "name": "What's the most common data literacy gap specifically in climate", "acceptedAnswer": { "@type": "Answer", "text": "risk communication to business stakeholders?\nPresenting a single climate scenario's projection as if it were a\nconfident forecast, rather than communicating the genuine range of\nplausible outcomes across different scenarios and their associated\nuncertainty." } }] }

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