Category

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

- Mithun A. Sridharan

- 14 August 2021
- 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.

{ "@context": "https://schema.org", "@type": "FAQPage", "mainEntity": [{ "@type": "Question", "name": "Climate risk models seem highly technical — is deep climate", "acceptedAnswer": { "@type": "Answer", "text": "science expertise necessary to use them 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." } }] }

Subscriber access

Unlock this playbook

This playbook — including every framework, template, and step-by-step section — is available free to Think Insights subscribers. Enter your email to unlock it instantly and get our weekly insights newsletter. No account needed, and access is remembered on this device.

First Name

Last Name

Email

Country - Select -

■ I agree to data processing in accordance with GDPR

Submit

Leave this field blank

References

Related playbooks

Data & AI

Data Literacy for Multi-Disciplinary Data & AI Communities of Practice Playbook

A framework for building and sustaining multi-disciplinary data and AI communities of practice — bridging genuinely different literacy levels and functional per

- Practitioner
- Intermediate
- Template Included

Read playbook

Data & AI

Data Literacy for Non-Analyst Roles in Agile & Product Squads Playbook

A framework for building practical data literacy for non-analyst roles (designers, engineers, product owners) within agile and product squads — reading sprint a

- Beginner
- Beginner
- Template Included

Read playbook

Data & AI

Data Literacy for Quality Management & Continuous Improvement Playbook

A framework for building data literacy within quality management and continuous improvement teams — before-after comparison rigor, distinguishing genuine improv

- Practitioner
- Intermediate
- Template Included

Read playbook

Talk to us about climate risk data literacy

Tags

- Data Literacy
- Sustainability
- Climate Risk

Author

Mithun A. Sridharan Thought Leader

I'm Mithun A. Sridharan, Founder of this website - Think Insights - on Strategy, Management Consulting, Leadership, Digital Transformation, and Data Literacy. Follow me on social media or connect with me on LinkedIn for updates.