

# **Asset Resilience. “Trust me, I’m an engineer” doesn’t cut it anymore**

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## **Abstract**

In an interconnected world facing black swan events at an alarming rate the concept of resilience has taken on new significance. The traditional adage of "Trust me, I'm an Engineer" falls short in addressing the multifaceted challenges faced by asset intensive organisations. Assets have become increasingly complex and networked with their impact felt widely across the community. This abstract delves into the evolving landscape of asset resilience, highlighting the limitations of relying solely on engineering expertise and proposing a more holistic approach.

Climate change is undoubtedly a wicked problem and to solve it, we've been tempted to play to our strengths, asking for a bit more time a few more engineers to get the modelling just right. As a profession we're guilty of paralysis by analysis and it if the today's headlines are anything to go by, times up.

Considering these challenges, the abstract proposes a customer-centric approach to asset resilience. It advocates for actively involving customers in decision-making processes, seeking their input, and integrating their perspectives. It emphasizes the growing demand for transparency, sustainability, and climate-conscious decision-making from consumers.

As constraints tighten and we're asked to do more with less, we need to be ready to make trade-offs and we can't hide behind the numbers. The asset resilience investments we make don't just need to stack up quantitatively, they need to align to objectives and resonate with customers.

Overall, this abstract presents a compelling case for re-evaluating the notion of asset resilience beyond the traditional "Trust me, I'm an Engineer" mindset. It urges professionals to embrace a multidisciplinary approach, harness diverse expertise, and cultivate trust and effective communication to ensure the resilience and sustainability of assets in today's ever-evolving world.