



**Climate Valuation**

# Headshots & Bios

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## Dr Karl Mallon

*CEO at Climate Valuation*

*Director of Science & Technology at XDI Cross Dependency Initiative*



<https://www.linkedin.com/in/karl-mallon-5512922/>

### **Areas of expertise:**

- Climate change science
- Computational analysis of the complex interplay of climate variables, local conditions and the built environment.
- Climate impacts and adaptation at building and municipal scales.

Dr Mallon is a leading international expert on climate change physical risk analysis. Karl has worked in climate change mitigation, policy and technical analysis since 1991 in Europe and Australia, and specialised on climate adaptation since 2005. He is the architect of the Climate Risk Engines that underpin Climate Valuation's analysis. Since 2006, Karl's work has focussed on developing systems to understand the complex play of hazards, engineering, weather and climate change data that put people, communities and physical assets at risk.

Since 2011, Karl and his technical team have been engaged in developing qualitative and quantitative software that capture this complex challenge and make analysis available at scale for banks, governments and home buyers around the world. Climate Valuation has previously provided national residential risk data to the Reserve Bank of Australia and the company and partners provide analysis to Governments, banks and insurers.

Karl was an expert witness in the landmark Federal Court case [\*Sharma and Ors v Minister for Environment\*](#), in 2020, providing quantitative estimation of the losses and health impacts Australian children can expect to incur as a result of unmitigated climate change. His evidence remains uncontested.



## **Dr. Karl Mallon's recent media appearances:**

*The New Daily*

"'Uninsurable': Bleak outlook for once-idyllic riverside homes amid climate crisis"

<https://thenewdaily.com.au/finance/finance-news/2022/03/06/insurance-floods-climate/>

*News.com*

"Damage bill for floods in NSW and Queensland already expected to top \$5 billion as questions are raised about who should pay"

<https://www.news.com.au/finance/economy/damage-bill-for-floods-in-nsw-and-queensland-expected-to-top-5-billion-as-questions-are-raised-about-who-should-pay/news-story/ea69a7804ee53e764635b8ff3e37e11c>

*7News via AAP*

"Insurers could walk away from flood towns"

<https://7news.com.au/weather/natural-disasters/insurers-could-walk-away-from-flood-towns-c-5250266>

*The Weekly Times*

"NSW and Queensland floods expose limited insurance options for farmers"

<https://www.weeklytimesnow.com.au/news/floods-expose-limited-insurance-options-for-farmers/news-story/27542556a256b99455172498d81c520e>

*ABC*

"The suburbs facing rising insurance costs from climate risk"

<https://www.abc.net.au/news/2019-10-23/the-suburbs-facing-rising-insurance-costs-from-climate-risk/11624108>





# Climate Valuation

[www.climatevaluation.com](http://www.climatevaluation.com)

Climate Valuation analysis is used by global  
Leaders in Physical Climate Risk Analysis

