

Risk | Resilience | Reaction



The DKKV-Lunchtalk with CEDIM

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©Prof. Dr.-Ing. James Daniell



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Between the private and public world: Post-disaster loss assessment in the government-industry-academia nexus!

Disasters occur every day all around the world. For nearly 20 years – some might say even longer – I have been modelling and tracking the socio-economic impacts of disasters around the world, from the ground up and in the wee hours after a disaster occurs. This journey has taken me to model every country on this planet and explore most types of peril. I have done this through CEDIM Forensic Disaster Analyses, for the World Bank GRADE, in collaboration with the University of Adelaide, and in industry through Risklayer and insurance and reinsurance companies around the world. Along the way, I have also found a huge number of like-minded friends, family and colleagues to support these multi-sector analyses. It is my continued passion to improve these assessments and deliver them to the highest possible standard.

In this talk, I will provide an overview of the history, methods and differences between government, industry and academic analysis, as well as areas for future improvement. I hope you will join me in exploring the public and private worlds of rapid post-disaster assessment.

Prof. Dr.-Ing. James Daniell is a civil engineer, geophysicist and geologist specialising in global stochastic and real-time financial, social and environmental risk modelling for insurance and governments. He also works on global data analytics, exposure and socioeconomic models at CEDIM at KIT in Karlsruhe, Germany. He has built many stochastic risk models for countries and software packages for disasters for various entities including insurers, reinsurers and other companies, as well as historic global modelling, exposure and economic models, and data products. He currently works on global projects as a Lead Disaster Risk Analyst with the World Bank and as a founder and CEO (Analytics) at Risklayer GmbH, a risk modelling company with offices in Karlsruhe, Germany and Adelaide, Australia.

You can register for the online event [here](#).

This lunchtalk is part of a series of events organised by DKKV and its institutional member CEDIM. Further dates and information on the DKKV lunchtalk series can be found [here](#).



The event will be recorded. Personal data will be processed in accordance with the applicable data protection regulations.