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Dr.-Ing. James Daniell is a John Monash Scholar of Australia. He is a geophysicist, geologist and civil engineer specialising in global stochastic and real-time risk modelling for insurance and governments; as well as global data analytics, exposure and socioeconomic models. He is at CEDIM (Center for Disaster Management and Risk Reduction Technology) at KIT (Karlsruhe Institute of Technology, Germany) as a senior research scientist and supervisor; and has worked on various projects as a disaster risk analyst with the World Bank in the D-RAS team in Latin America and the Caribbean working on the Country Disaster Risk Profiles and other projects in Eastern Europe, Central Asia, South-East Asia, and in global reviews of open source software for GFDRR. He has built many stochastic risk models and software packages for earthquake, flood and hail for various entities including insurers, reinsurers and other companies. Since 2010, he has co-managed the online reporting platform Earthquake-report.com, reporting 24/7 on earthquakes and volcanoes globally, and giving near real-time estimates of losses from events. Since 2003, he has been building CATDAT, a global database of natural disaster socio-economic losses, historic global modelling and event metrics.

He holds a doctoral degree (Dr.-Ing) in Engineering from KIT as a John Monash Scholar (www.johnmonash.com), a Masters in Earthquake Eng. and Eng. Seismology from UJF Grenoble and Univ. Pavia; an Honours in Civil/Structural Engineering and a BSc (Geology/Geophysics) from University of Adelaide.