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**The New Topography of the Risk Landscape**

**Abstract**

Climate change, innovation and new technologies, developments in legislation, our economic rules and globalization, human behaviour and ambitions, political instabilities as well as systemic dependencies which have developed as a consequence of complexity describe the different dimensions of a risk space which cannot be considered any longer in terms of static, linear parameters.

The dynamics of our "Risk System Earth" accelerated so much in the past decade that we cannot neglect any longer the interdependencies of the different dimensions which sometimes exhibit almost chaotic behaviour.

Additionally, speed of innovation also reduces time and creativity needed by organisations to manage risks and to navigate through the new dynamic, multi-dimensional risk topography. Thus risk management needs to develop appropriate approaches, methods, and tools which make use of our new information, communication and data processing possibilities to cope with these challenges.



**Short biographical notes**

Lutz Cleemann is the Managing Director of the Allianz Center for Technology (ATZ) – a subsidiary of the insurance branch of Allianz Group and the largest on-site research centre within the insurance industry in Germany. Dedicated to damage and risk research and prevention, ATZ provides research and consulting services in areas such as Damage Analysis, Operational Safety, Analysis of Technical Risks, Due Diligence, Risk and Safety Management, Sustainable Development Strategies.

Lutz Cleemann holds a PhD in Experimental Nuclear Physics from the University of Cologne and has extensive experience in risk consulting, technology assessment and safety research. He serves as Chairman of the International Sustainability Strategy Team of the Allianz Group and is the company's Liaison Delegate to the World Business Council for Sustainable Development (WBCSD).

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