



## **The Changing Landscape of Climate Risk**

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Today, we live in a global economy, relying on global trade, efficient transport systems and resilient and reliable provision of food, energy and water. As we see time and time again, all these systems are vulnerable to adverse weather and climate conditions. The additional pressure of climate change creates a new set of circumstances and poses new challenges about how secure we will be in the future. More than ever, the weather and climate have considerable direct and indirect impacts on us – our livelihoods, property, health, well-being and prosperity. In this talk I will describe recent advances in understanding, simulating and predicting our weather and climate and how these developments can be deployed to help us manage our risks, now and in the future.