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**Title:** Looking into the future of Natech risk under climate change: The need for a paradigm change in industrial risk management

**Abstract:** There is growing evidence that the frequency of Natech accidents is increasing. In this presentation, we discuss recent work that shows that, at least for the United States, the increase in Natech incidence may be due to climate change. The work presented is based on the analysis of hazardous materials releases reported to the US National Response Center Database between 1990-2023. The results show that the probability and the conditional probability of tropical storm-related Natech events in the US are on the rise. Furthermore, a projection of Natech incidence under various IPCC climate scenarios is investigated, confirming an increasing trend in the probability of tropical storm-related Natechs over the period up to the year 2100. So, what does this mean for future Natech risk management? Through the presentation of several case studies, questions are raised concerning industries, governments, and communities (including our infrastructure) readiness to deal with the increasing impact of hydrometeorological events and their knock-on effects. While there have been significant advances in Natech research, this presentation will show that some of the most important challenges have to do with changing stakeholder perceptions and behaviors. This requires a paradigm shift towards area-wide risk management and risk governance. These and other challenges will be discussed, and suggestions for future research and practice for more resilient territories to Natech risks will be presented.