

An Introduction to the analysis of extremes.

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In this talk I briefly review some of the approaches that have been used in climate research to analyse variation in the frequency and/or intensity of extreme events. The methods use range from simple approaches, such as counting annual threshold exceedence for moderately high thresholds, to the elegant approaches that rely on sophisticated extreme value theory. Some pitfalls (and solutions) are described, and a brief overview of the performance of climate models is provided.