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Modeling Cascading Multi-Hazards: Network Approaches to Complex Risk

Risk involves the combination of likelihood, exposure, and vulnerability. Despite well-documented observation of the ways in which climate change is altering the likelihood of extreme weather events, there exists a large gap between quantification of the physical hazard of these events (e.g. wind, rain, heat) and their societal impacts (e.g. deaths, structural damages). Dr. Jane Baldwin has been working in that gap for years and will share her research and insights.