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Working Together—Engineers and Economists

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As stated in the session description, "The complex nature of extreme events is indeed a result of a variety of components that involve several disciplines." One of the most critical, but often overlooked, needs in analysis of extreme events is the cooperation and collaboration of engineers, economists and social scientists. Data collection and analysis must not be done in a vacuum. The physical risk is of importance in relation to the consequences—casualties, physical damage and economic losses. This presentation will provide extensive examples from the author's experiences as an economist working with engineers in the U.S. and the EU to integrate meteorology, hydrology, economics and social science to improve decision making in relation to extreme events and preserve and protect people and property.