



Building resilience to weather-related hazards through better preparedness

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Recent developments in weather forecasting have transformed our ability to predict weather-related hazards, while mobile communication is radically changing the way that people receive information. At the same time, vulnerability to weather-related hazards is growing through urban expansion, population growth and climate change. This talk will address issues facing the science community in responding to the Sendai Framework objective to "substantially increase the availability of and access to multi-hazard early warning systems" in the context of weather-related hazards. It will also provide an overview of activities and approaches developed in the World Meteorological Organisation's High Impact Weather (HIWeather) project. HIWeather has identified and is promoting research in key multi-disciplinary gaps in our knowledge, including in basic meteorology, risk prediction, communication and decision making, that affect our ability to provide effective warnings. The results will be pulled together in demonstration projects that will both showcase leading edge capability and build developing country capacity.