

8: 09:00-09:10. Performing Convection Permitting simulations to address policy makers questions

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Abstract

Policy makers want projections that help them make decisions. Many of these decisions are aimed at managing risks of various kinds. While, in my experience, policy makers always want higher resolution images (projections) because the extra detail makes them "feel better", there are many questions that require kilometre or better resolution to address at all. Questions around city planning require resolving differences in urban landscape and topography within a city. Guidelines for building infrastructure that can handle future hydrological extremes such as urban flash flooding requires projections with high resolution in both space and time. In this talk I will show a couple of examples of convection permitting simulations performed to address questions raised by policy makers.