



ECCA 2019 | Lisbon | 28–31 May
European Climate Change Adaptation conference

Title: The evolution of risk in socio-economic analysis of disaster management and climate change

Abstract of presentation:

Concepts, methodologies, methods and metrics associated with climate-related risks have been of fundamental and increasing saliency for informing policy and action on the mitigation and adaptation challenge. The talk traces the evolution in risk conceptualisation, modelling and assessment as well as policy for the examination and management of climate and disaster risks. This broad inter-and transdisciplinary field of research has seen important development in terms of framing, definitions as well as methodological development.

The central line of argumentation of this paper is to show how thinking and analysis over the last few years has seen important evolution towards broad-based debate concurrently encompassing epistemological, instrumental, reflective and participative discourses, thus providing great potential for informing action on key challenges associated with extreme event risks across multiple scales along the science-society interface. The argument is supported by tracing key contributions to the risk literature and debate with regard to conceptualizing, modelling and the assessment of disaster and climate risks, risk policy and governance. We will particularly focus in the roles of considering risk preference and any limits to adaptation.