

## **REBUILDING RESILIENT COMMUNITIES: HOW TO FACILITATE COORDINATION BETWEEN STAKEHOLDERS FOR EMERGENCY AND PREVENTION AS WELL AS RISK COMMUNICATION?**

Many changes can alter communities, involving climate change, non-sustainable land use choices, economic crisis, major disasters, Uncertainty challenges disaster risk management experts and policy-makers, notably regarding long-term adaptation planning. The purpose of this talk is to present the findings of different research projects conducted by Professor Isabelle Thomas and her team from the University of Montreal in France, the United States or in Quebec. The projects aims at learning from past flood experiences in order to build resilient communities. Hence, experience Feedback analyses allow the provincial government, regional entities and local communities to identify improvement opportunities within the 4 phases of risk management for major flood events (prevention, preparation, response, and recovery). The aim is to present the strength and challenges linked to crisis management as well as long term adaption coordination between stakeholders at different levels of government. The presentation shows different tools and examples which are fostering resilience. Hence, citizen participation and empowerment will present with the case study of New Orleans how specific models can foster communities rebuilding. Moreover in Quebec, projects analyse how the uses a participatory and collaborative approach to mobilize and empower local and regional stakeholders' knowledge and expertise in the development of adaptation strategies is a successful tool to enhance coordination processes and mechanisms. Workshops have enabled environments in which stakeholders can share their knowledge and expertise through participatory cartography tools and focus groups. By pinpointing key trans-sectorial challenges at a regional level, this collaborative approach enable collective adaptation strategies. Moreover, in France and in Quebec, specific communication tools enhance not only stakeholders and citizens awareness on risk in their specific areas but also empower them to work on adaptation and prevention, which is key to resilience building. Finally this presentation focuses on case studies from which we can create models to facilitate not only coordination between stakeholders but also adaptation strategies as well as risk communication.