Session 33

Interplay between risk knowledge and resilience: importance of disaster risk communication

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In contrast with the scientific, technological and economic development level of humanity, extent and consequences of disasters are not in decline as expected. Increase of population and rapid urbanization can be regarded as the main reasons for that since the level of risk oriented practices cannot be integrated into the urban development process with the same pace of urban growth. This situation brings the question of how current scientific knowledge at its prime cannot influence urbanization trajectories as desired.

Although many causes such as institutional capacities, regulation frameworks or economic inadequacy can be considered to define this barrier between science and implementation; one of them is the lack of efficient communication between stakeholders of disaster risk reduction (DRR).

This session aims to discuss the concepts, tools, frameworks and research findings that focus on the barriers between academia, communities, practitioners and decision makers that hinders resilient urban development against natural hazards. As researchers collaborating in the Tomorrow's Cities project funded by UKRI with the aim of reducing future risks for the urban poor; to emphasize the significance of risk communication in reducing risks; we invite submissions addressing the comprehension of the obstacles in disaster risk communication, empirical findings that highlight the implications of lack of communication and potential solutions to enhance the level of communication among stakeholders in DRR. We especially welcome presentations looking at how new mediums such as social media and the internet play a role in transferring the risk knowledge to communities and how such an exchange can be influential for disaster risk reduction and resilient urbanization.