8th International Conference on Building Resilience, 14-16 November 2018, Lisbon

Considering the Sendai Framework for Disaster Risk Reduction 2015-2030 we expect submissions to be aligned, in particular, with priority 1 "Understanding disaster risk".

Track: **1C**

Understanding risks linked to Climate Change

Description of Track Scope

Climate Change has an impact on society. Whether by changing the frequency and magnitude of specific hazardous processes, whether by creating new and uncertain conditions of exposure and vulnerability, scientists, decision-makers and practitioners are learning how to deal with this new risk assessment paradigm.

Main Questions

Participants will explore the following questions about risk assessment models under the Climate Change paradigm:

1. The human impact on the manifestation of hazards under Climate Change scenarios
2. Severity and frequency of hazardous processes under Climate Change scenarios
3. What to expect from the hazardous processes (natural and technological) that we always knew?
4. Black Swan events and Climate Change
5. The concept of disaster threshold: accommodate and get use vs improving resilience
6. Cross-scale issues in Climate Change predictive models

7. Challenges to early warning systems and monitoring
8. Long-term exposure and vulnerability reduction
9. Direct and indirect impacts of Climate Change-related events
10. Defining threshold for warning and alert to improve community resilience
11. Linking Climate Change scenarios and adaptation measures
12. Assessment of institutional capacity as a factor of the risk equation

Goals

- To interpret the way Climate Change is changing frequency, magnitude and patterns of related hazards
- To discuss the physical science basis of Climate Change
- To analyze the impact of Climate Change projections on disasters
- To understand the impact of Climate Change-related events on society, communities' resilience and public health, in particular
- To explore innovative methodologies in vulnerability assessment research
- To propose paths and best practices for increasing local preparedness to global threats, reducing disaster mortality, tangible and intangible damages on the natural and built environment
- To discuss in a cross-wide vision the new disaster characteristics, social thresholds and cascade effects
- To analyze the human processes that increment disaster risk and define regional to local strategies and practices to reduce, adapt and mitigate to their negative effects

Deadline

Abstract submissions close 15 April 2018, 12PM, GMT + 1,00 TIME.
For more information and online submission, please visit buildresilience.org/2018

Track chair and co-chair information

Pedro Pinto Santos pmpsantos@campus.ul.pt, pedrosantos@ces.uc.pt

Post-PhD Researcher at the Institute of Geography and Spatial Planning (University of Lisbon – IGOT-ULisboa) | Researcher at the Centre for Social Studies (University of Coimbra – CES-UC)

Alexandre Oliveira Tavares atavares@ci.uc.pt

Assistant Professor with habilitation at the Earth Science Department of the Science and Technology Faculty (University of Coimbra – DCT-UC) | Researcher at the Centre for Social Studies (University of Coimbra – CES-UC)