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: **1A**

Resilience of communities in long term displacements and Resilient communities at the center of Big Data analytics

Description of Track Scope

> Big Data ecosystems emerged as a revolutionary systematic approach to managing data across disciplines. Nonetheless, the lack of standardization of disaster datasets, issues around balancing openness with privacy while capturing the dynamics of hazards, exposure and vulnerability in the context of climate change, remain a global challenge. The Internal Displacement Monitoring Centre report the lack of accurate data on disaster induced displacement in their statistical database as 'the number of displaced as a result of disasters that occurred in and prior to 2016 remain unknown' (IDMC, 2017).

Main Questions

> Long term displacement, especially in situations of protracted conflict or complex emergency, is becoming more prevalent. Formal and informal refugee and IDP camp lifetimes are increasing. In protracted volatile crisis people may be prevented from

staying in the same place over time, and may be forced to keep moving or to settle in insecure informal environments. What is the meaning of resilience in these situations of shifting communities and swiftly changing vulnerabilities?

Goals

Exacerbated with the frequency of hazards and strength of events the Sendai Framework for Disaster Risk Reduction (SFDRR) was adopted by the global community on the 18th of March 2015, with seven targets and four priorities for action, the Sendai Framework adopted 'Understanding disaster risk in all its dimensions of vulnerability, capacity, exposure of persons and assets, hazard characteristics and the environment.' as its first priority for action. Thus, Disaster loss data is fundamental for accurate risk assessments and can be critical in providing a baseline for the calibration and validation of results using verifiable information, as well as tracking long term displacement. (Disaster Loss Data: Raising the Standard, IRDR, 2017).

The lack of availability, accountability and accuracy of disaster data loss for displaced people human and physical assets may cause the delay and deficiency of humanitarian aid action in crisis response management and long-term displacements. Thus, this call of papers aims to define, develop and embrace Community Resilience strategies in situations of long term displacement, while building coherence in Big Data Analytics collection and monitoring mechanisms for the 2015-2030 Sustainable Development Goals (SDGs) and the Paris Climate Change Agreement global targets.

Themes

- Resilience and rating tools
- Resilience and planning
- Resilience and applications for use of Big-Data and digital technologies
- Community Resilience and risk mapping
- Big Data Analytics for long term displacement
- Big Data ethics, ownership, accountability, and transparency
- Disaster Risk community mapping, the use of science and technology
- Crowdsourcing for risk governance for participatory planning
- Big Data for Community resilience context, place and sociocultural challenges
- Resettlement of long term displaced
- Land Rights and community Resilience
- Conflict resolution and Peacebuilding
- Long term Displacement and Vulnerability
- Protracted conflict and resilience
- Heritage in long term displacement

Deadline

Abstract submissions close 15 April 2018, 12PM, GMT + 1,00 TIME.

For more information and online submission, please visit buildresilience.org/2018

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