



**World Humanitarian Summit Joint Side Event
(May 24th - 11:00-12:30 - Lüfti Kırdar Convention and Exhibition Center (LKCC), Istanbul)**

Title of the Event: 'Urban Fragility, Vulnerability and Resilience: Tools for Assessment from Macro to Micro Scale'

Side Event organized in line with the principles of the Urban Crises Charter and in support of the Global Alliance for Urban Crises.

Background of the Event

21st century humanitarian response will be defined by the accumulation of risk in urban settings. Recent years have seen increasing rates of urbanization across the world – from 746 million people in 1950, to 3.9 billion in 2014. Two-thirds of the world's population will live in cities by 2030. The trend is expected to continue, and by 2050, nearly 90% of the increase in urban population will be concentrated in Asia and Africa.¹

Rapid urbanization is pushing an increasing number of cities into a state where they are susceptible to a deterioration and erosion of core functions. The increasing severity and frequency of disasters which affect urban areas means that humanitarian interventions in cities are becoming more commonplace. But cities are not homogeneous and to date there has been no effective way to assess the degree of fragility, vulnerability and resilience across cities and their populations.

Finding ways to identify vulnerable areas within urban settings, to assess humanitarian needs and to effectively target people in need has become more acute. In many cases, highly dense slums and informal settlements on the fringe, or in the centre, of urban areas do not exist on any map and the populations living in them often lack access to basic services and are among the most difficult to access post-disaster. Developing tools that enable humanitarian actors to identify high risk areas will have a direct impact on appropriately addressing needs.

Description of the Event

The event will be in the form of a panel discussion and will be jointly led by the global Food Security Cluster, the World Food Programme, UN University and Humanitarian OpenStreetMap Team (HOT) with participants presenting innovative tools that respond to policy demand and practical realities. The panel will touch upon different dimensions of urban vulnerability including global measurement tools that enable humanitarian, development and security actors to understand the distribution of fragility and resilience at the city scale; mapping and sampling methodologies that enable us to

¹ <http://esa.un.org/unpd/wup/highlights/wup2014-highlights.pdf>

understand where the most vulnerable urban environments are located; indicators that are best adapted to assess the most vulnerable households and subsequently select households for assistance; and management/coordination of targeting which will help to ensure that those in need are reached most effectively with humanitarian assistance.

Panellists will share the lessons learned from their research, practical experiences and case studies. We intend that the panel presentations will be followed by a lively discussion among practitioners on solutions, best practices and joint actions to address recognised challenges in identifying and measuring fragility, vulnerability and resilience in urban crises.

Objectives

The objective is to help practitioners and policy makers view the city from the macro level of its fragility and resilience down to the micro level. The goal is to find solutions that will improve methods, tools and approaches for identifying the most vulnerable urban areas and populations in need of assistance.

The Panel will:

- Discuss the key drivers of fragility and resilience in cities
- Present and debate key challenges in measuring vulnerability in urban areas
- Showcase measurement tools to assess urban fragility
- Discuss solutions that have been found according to different initiatives and operational research that have taken place

The event objectives are in line with the principles outlined in the Urban Crises Charter and the commitments of the Global Alliance for Urban Crises, under the umbrella of the WHS objectives, the 2030 Agenda and specifically SDG 2 and SDG 11.

Proposed Panellists

Moderator	Cyril Ferrand , Coordinator, global Food Security Cluster
Speakers	<ul style="list-style-type: none"> ✓ John de Boer, Senior Policy Advisor UNU; ✓ Kathryn Ogden, Senior Food Security and Nutrition Officer WFP; ✓ Tyler Radford, Executive Director HOT; ✓ Geoffrey Kateregga, Lead Mapping Supervisor HOT Tanzania; ✓ Mulugueta Shibru, Somalia Food Security Cluster Coordinator
Event Focal Point	Marina Angeloni , global Food Security Cluster

Agenda

How Fragile are our Cities? Mapping Fragility at the City Scale	John de Boer, UN University
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Lessons Learned in Assessing Needs and Defining Targeting Methods to Address Urban Vulnerability	Kathryn Ogden, WFP Mulugueta Shbru, Somalia Food Security Cluster
Participatory Urban Mapping using OpenStreetMap as a Methodology for Identifying Vulnerable Areas	Tyler Radford, Geoffrey Kateregga HOT
Q&A Session	Plenary