

STI Forum Side event:

Future Urban Design to promote achievement of the SDGs through STI

Date: 5th May 2021, 19 – 21 (EDT)

1) Introduction

There has been an outbreak of a COVID-19, which in its typical form threatens human security. This outbreak was primarily caused due to the rapid spread of the highly contagious virus among globally linked cities, which led to widespread and prolonged lockdowns in cities worldwide. According to United Nations, this Pandemic led to a rise in the unemployment rate and the first increase in poverty globally since 1998.

Urban areas developed rapidly in the 20th century, and according to DESA, 68% of the world's population, that is 6.7 billion people, are expected to live in urban areas by 2050. Therefore, it is urgent to consider how urban areas can develop sustainably under infectious diseases to ensure human security. The pandemic also makes us recognize that it is essential to consider the well-being of residents as well as ensure human security in cities, as there were many cases of mental health problems caused by long-term lockdowns.

2) Perspective

- a) How to design and create a human-centered city that pursues well-being and ensures comfort in usual and the Decent Living Standards during outbreaks through inclusive and synergetic process?
- b) How to realize a city that provides human security and well-being and how science, technology, and innovation can contribute?
- c) How to manage a city using a variety of open platforms?

3) Overview of the event

Presentations and panel discussions will be held by the following speakers

- Taikan OKI (UNU)
- Mikiko ISHIKAWA (RDI, Chuo University)
- TBD from UN entities
- TBD from other academy of engineers

4) Aims and Objectives

The challenge facing the Pandemic is to compromise the trade-offs among freedom, comfort, and security through STI and realize a city that can serve as the platform of prosper lives, and we hope that this session will help to achieve this goal.