## World Academy of Science, Engineering and Technology International Journal of Civil and Environmental Engineering Vol:15, No:12, 2021

## Comprehensive Framework for Pandemic-Resilient Cities to Avert Future Migrant Crisis: A Case of Mumbai

Authors: Vasudha Thapa, Kiran Chappa

Abstract: There is a pressing need to prepare cities in the developing countries of the global south such as India against the chaos created by COVID 19 pandemic and future disaster risks. This pandemic posed the nation with an unprecedented challenge of dealing with a wave of stranded migrant workers. These workers comprise the most vulnerable section of the society in case of any pandemic or disaster risks. The COVID 19 pandemic exposed the vulnerability of migrant workers in the urban form and the need for capacity-building strategies against future pandemics. This paper highlights the challenges of these migrant workers in the case of Mumbai city in lockdown, post lockdown, and the current uncertain scenarios. The paper deals with a thorough investigation of the existing and the recent policies and strategies taken by the Urban Local Bodies (ULBs), state, and central government to assist these migrants in the city during this mayhem of uncertainties. The paper looks further deep into the challenges and opportunities presented in the current scenario through the assessment of existing data and response to policy measures taken by the government organizations. The ULBs are at the forefront in the response to any disaster risk, hence the paper assesses the capacity gaps of the Urban local bodies in mitigating the risks posed by any pandemic-like situation. The study further recommends capacity-building strategies at various levels of governance and uniform policy measures to assist the migrant population of the city.

Keywords: urban resilience, covid 19, migrant population, India, capacity building, governance

 $\textbf{Conference Title:} \textbf{ICDRRRBE 2021:} \textbf{International Conference on Disaster Resilience and Risk Reduction for Builter States and Conference on Disaster Resilience and Risk Reduction for Builter States and Conference on Disaster Resilience and Risk Reduction for Builter States and Conference on Disaster Resilience and Risk Reduction for Builter States and Conference on Disaster Resilience and Risk Reduction for Builter States and Conference on Disaster Resilience and Risk Reduction for Builter States and Conference on Disaster Resilience and Risk Reduction for Builter States and Conference on Disaster Resilience and Risk Reduction for Builter States and Risk Reductio$ 

nvironment

Conference Location: Sydney, Australia Conference Dates: December 02-03, 2021