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”GREEN” SPACE TECHNOLOGY - NAVIGATING THE VALUE CHAIN TO ENHANCED
ENVIRONMENTAL QUALITY AND SUSTAINABLE LIVING AGAINST EXTREME CLIMATE RISK

Abstract

With the rapid increase of extreme weather throughout the world due to climate change, economic losses from disasters are now reaching a global average of US\$350 billion worldwide, according to the latest UN reporting. Although (i) advanced sensors in the payload of a constellation of small and microsatellites for Earth observation, (ii) the use of space-based ground systems to solve problems related to humanitarian risks, especially in light of the brutality of climate change upon the world – endsolution is expected to cast insight into the scale and orientation of its use.