

Circular Economy-Relationship of Natural Water Collection System, Afforestation and Country Park Towards Environmental Sustainability

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Abstract : The government and community have raised their awareness of the benefits of water reuse. Deforestation has a significant effect to climate change as it causes the drying out of the tropical rainforest and hence increases the chance of natural hazards. The loss of forests due to natural fire or human factors would be threatening the storage and supply of clean water. In this paper, we will focus on the discussion of the relationship of the natural water collection system, afforestation and country parks towards environmental sustainability and circular economy with a case study of water conservation policy and strategy in Hong Kong and Singapore for further research. The UN General Assembly launched the Water Action Decade in 2018 to mobilize action that will help to tackle the growing challenge of water scarcity through water conservation and protect and restore water-related ecosystems, including forests, wetlands, rivers, aquifers and lakes.

Keywords : afforestation, environmental sustainability, water conservation, circular economy, climate change, sustainable development goal

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