

Documents

Ouda, O.K.M.

Treated wastewater use in Saudi Arabia: challenges and initiatives

(2016) *International Journal of Water Resources Development*, 32 (5), pp. 799-809. Cited 9 times.

Abstract

The Kingdom of Saudi Arabia considers treated wastewater a major water source and aims to achieve 100% use of treated wastewater by 2025. This article reviews Saudi Arabia's treated wastewater utilization status to date. It also highlights the key challenges facing the authorities, such as the substantial growth in demand for wastewater services; low coverage of the existing wastewater collection, treatment, and treated wastewater use systems; and the capital investment needed for infrastructure development. Finally, the article highlights the initiatives taken thus far to tackle these challenges and recommends further initiatives towards successful achievement of Saudi Arabia's treated wastewater utilization objective. © 2015 Informa UK Limited, trading as Taylor & Francis Group.

2-s2.0-84949230563

Document Type: Article

Publication Stage: Final

Source: Scopus