



RESOURCE

Impact of Sea-Level Rise on Sea Water Intrusion in Coastal Aquifers

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Author(s)

Werner, Adrian Simmons, Craig

Description / Abstract

Despite its purported importance, previous studies of the influence of sea-level rise on coastal aquifers have focused on specific sites, and a generalized systematic analysis of the general case of the sea water intrusion response to sea-level rise has not been reported. In this study, a simple conceptual framework is used to provide a first-order assessment of sea water intrusion changes in coastal unconfined aquifers in response to sea-level rise.

Publication year

2009

Publisher

National Ground Water Association Journals

Keywords

Sea-level Rise Coastal Aquifers

Thematic Tagging

Climate

Language English

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A3.03

Source <https://iwrmaactionhub.org/resource/impact-sea-level-rise-sea-water-intrusion-coastal-aquifers>
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