IWRM Action Hub

RESOURCE

What is Groundwater Modelling and Why is it Important?

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Description / Abstract

Groundwater models include physical (laboratory) models and mathematical models including process-based numerical models. Most groundwater models are developed for forecasting (prediction), but models may also reconstruct past conditions in hindcasting simulations and perform engineering calculations. There are also screening models and generic models for hypothesis testing. A model is the primary quantitative tool available in a groundwater investigation. A workflow for groundwater modeling begins with a question that addresses the modeling purpose.

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Tool

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