



**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.

**Publication year**

2016

**Publisher**

Elsevier Science

**Keywords**

Groundwater Modelling Groundwater Management

**Thematic Tagging**

Climate

Language English

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● Tool

### **Groundwater Management Plans**

A3.03

**Source  
URL:**

<https://iwrmaactionhub.org/resource/what-groundwater-modelling-and-why-it-important-0>