

1. Record Nr.	UNINA9910299445903321
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Titolo	OpenGeoSys-Tutorial [[electronic resource] ] : Computational Hydrology I: Groundwater Flow Modeling // by Agnes Sachse, Karsten Rink, Wenkui He, Olaf Kolditz
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-13335-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (117 p.)
Collana	SpringerBriefs in Earth System Sciences, , 2191-589X
Disciplina	551.49015118
Soggetti	Hydrogeology Geology—Statistical methods Computer simulation Quantitative Geology Simulation and Modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1 Hydrology -- 2 Hydrogeology -- 3 Modelling with OpenGeoSys -- 4 Benchmark: Theis problem -- 5 Case Study: Ammer Catchment.
Sommario/riassunto	This tutorial on the application of the open-source software OpenGeoSys (OGS) in computational hydrology is based on a one-week training course at the Helmholtz Centre for Environmental Research in Leipzig, Germany. It provides general information regarding hydrological and groundwater flow modeling and the pre-processing and step-by-step model setups of a case study with OGS and related components such as the OGS Data Explorer. The tutorial also illustrates the application of pre- and post-processing tools such as ArcGIS and ParaView. This book is intended primarily for graduate students and applied scientists who deal with hydrological-system analysis and hydrological modeling. It is also a valuable source of information for practicing hydrologists wishing to further their understanding of the numerical modeling of coupled hydrological-hydrogeological systems. This tutorial is the first in a series that will present further OGS applications in environmental sciences.

