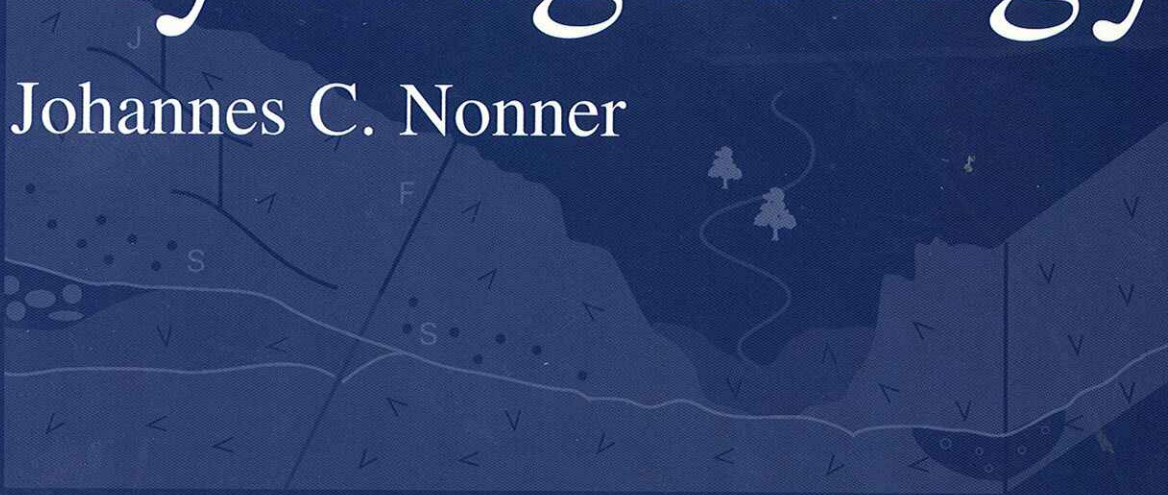


THE DELFT LECTURE NOTE SERIES

Introduction to Hydrogeology

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About the book

Groundwater is one of the most important resources of the world. This textbook gives an introduction to the scientific topic describing this resource: hydrogeology. The book covers all major fields in hydrogeology and includes outlines on the occurrence of groundwater in various rock types, the movement and storage of groundwater, the formulation of groundwater balances, and the development of groundwater chemistry. The practical application of hydrogeology for groundwater development is worked out in the last chapter. A unique systems approach has been followed to describe and connect the various elements contained in this book. In addition, a large selection of examples of groundwater cases from various parts of the world is taken up in the text. The theoretical parts and the examples are illustrated by a large number of drawings, photo's and computer printouts.

About the author

In his capacity as Associate Professor in Hydrogeology at IHE, Johannes C. Nonner lectures in hydrogeology and groundwater exploration techniques. His special field of research at IHE covers groundwater development and environmental integrity in The Netherlands and other parts of the world, for which he is heavily involved in groundwater flow- and transport modelling. After graduating in hydrogeology at the Free University of Amsterdam in 1972, and before joining IHE in 1989, Johannes C. Nonner was involved in groundwater consultancy and training assignments around the world.