

Karst Hydrogeology & Geomorphology

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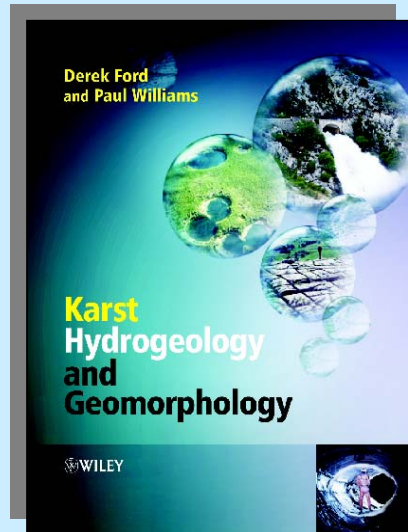
Karst Hydrogeology and Geomorphology is a fully revised and updated version of the extensively used and widely cited Karst Geomorphology and Hydrology published in 1989. This systems orientated book is based on the authors' own teaching, research, and international experience and includes wide international citations and illustrations.

This edition features a stronger emphasis on karst hydrogeology, applied aspects of karst and practical problems of karst as well as computer modelling. New developments in the field such as ground penetrating radar, cosmogenic exposure age dating and mass spectrometer techniques are evaluated.

The book provides a comprehensive sequenced discussion covering the significant features of karst rocks; the chemistry and kinetics of their dissolution, regional dissolution and carbon sequestration rates. Fundamentals of hydrogeology are also covered with emphasis on the distinctive triple porosity of karst aquifers, cavern genesis, modelling of karst aquifers, the nature and palaeo-environmental importance of cave deposits, karst landforms at the surface, palaeokarst, applied karst problems, sustainable management and conservation of karst resources.

Karst Hydrogeology and Geomorphology is an invaluable source for anyone studying and researching any area of karst studies, and will provide a one-stop reference text on this area of hydrogeology and geomorphology.

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