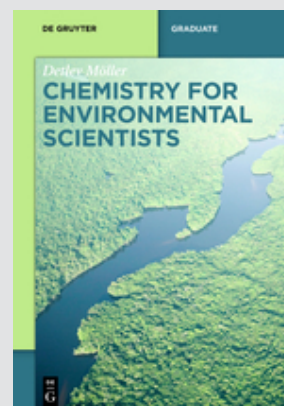


Detlev Möller

# CHEMISTRY FOR ENVIRONMENTAL SCIENTISTS



Non-chemists in environmental sciences and engineering (e.g. physicists, biologists, ecologists, geographers, soil scientists, hydrologists, meteorologists, economists, engineers) need chemical basic knowledge for understanding chemical processes in the environment. This book focuses on general and fundamental chemistry (including required physics) such as properties and bonding of matter, chemical kinetics and mechanisms, phase and chemical equilibrium, the basic features of air (gases), water (liquids) and soil (solids) and the most important substances and their reactions in the environment. Selected key environmental chemical processes are shortly characterised in the light of multi-component and multiphase chemistry.

This book is also useful for chemists who are beginning work on environmental issues.

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**Zielgruppe:** Students in environmental chemistry, meteorology, geology, ecology, biology and engineering.