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Acknowledgments

This book often serves as a textbook for a first course in groundwater principles offered in geology, geophysics, and civil engineering programs. It has also been used as a reference text by professionals. It begins with an overview of groundwater's role in the hydrologic cycle and in water supply, contamination, and conservation. The book then addresses groundwater flow, groundwater quality, and groundwater resources. The book is divided into three parts: Part I covers the fundamentals of groundwater flow, including the hydrologic cycle, groundwater flow, and groundwater resources. Part II covers groundwater quality, including groundwater contamination, groundwater quality, and groundwater resources. Part III covers groundwater resources, including groundwater flow, groundwater quality, and groundwater resources. The book is divided into three parts: Part I covers the fundamentals of groundwater flow, including the hydrologic cycle, groundwater flow, and groundwater resources. Part II covers groundwater quality, including groundwater contamination, groundwater quality, and groundwater resources. Part III covers groundwater resources, including groundwater flow, groundwater quality, and groundwater resources.