Schmidt

Soil Erosion

Application of Physically Based Models

Accelerated degradation of soils and surface waters produce increasing problems in many parts of the world. Within this context, the book addresses the topic Application of Physically Based Soil Erosion Models in order to present some essential tools for improving land-use strategies and conservation measures. Over the last 20 years, the need for more accurate assessments of soil losses and sediment yields has led to the development of some highly complex, process-based soil erosion models. In 14 papers, specialists from 5 European countries, the USA and Brazil report on practical applications of these models and give insight into the latest developments. This book will help to implement state-of-the-art soil erosion prediction technologies within soil and water conservation planning and assessment. Hence, the book should be of special interest to agricultural and environmental engineers, hydrologists, soil scientists and geoscientists.

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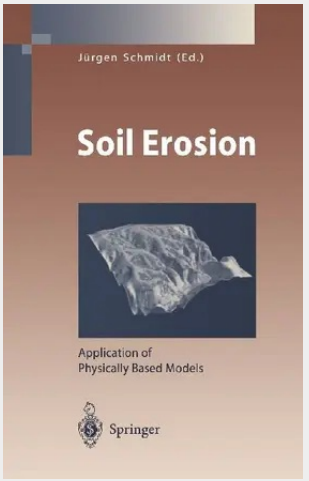

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