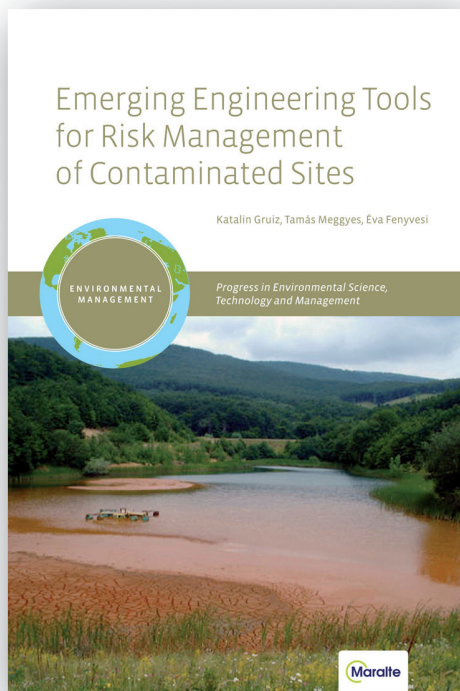


Emerging Engineering Tools for Risk Management of Contaminated Sites



Edited by **Katalin Gruiz,**
Tamás Meggyes, Éva Fenyvesi

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New tools to address the complex and challenging goals of environmental protection and land use

The environment is a complex and dynamic system, encompassing both nature and built elements, incorporating people as its key actors. Environmental protection is a science- and engineering-based management practice. However, even current best-management practices are insufficient to achieve the complex and challenging goals of environmental protection and land use. This book presents the main outcomes of the MOKKA project. The actual methods and technologies developed within the MOKKA project include new tools for risk management, risk assessment and risk reduction. A broad range of scientific summaries and specific methodological issues are provided, which will contribute to the development of environmental science, technology and management, and establishes a comprehensive approach to environmental problems of our planet. This book will be of interest to environmental scientists in academia, research institutes, industry and government.

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Katalin Gruiz is a full time associate professor at *Budapest University of Technology and Economics* and heads the research group of Environmental Microbiology and Biotechnology. Her expertise is teaching, consulting, research and development of engineering tools for risk-based environmental management, development and use of innovative technologies such as special environmental toxicity assays, integrated monitoring methods, biological and ecological remediation technologies for soils and waters.



Tamás Meggyes is Visiting Professor of Built Environment Sustainability at the *University of Wolverhampton*, UK. Over more than 30 years he held various positions in academia and worked as a research coordinator with the *BAM Federal Institute for Materials Research and Testing* in Berlin, Germany. He is Europe editor of the *Land Contamination and Reclamation journal* and is an expert research coordinator specializing in research and book projects in environmental engineering.



Éva Fenyvesi is Senior scientist, and founding member of *CycloLab Cyclodextrin R&D Laboratory Ltd*. She is a leading expert in the preparation and application of cyclodextrin polymers, in environmental application of cyclodextrins and in gas chromatography, and has participated in and coordinated several projects on the environmental application of cyclodextrins.