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Foreword

Stabilisation/solidification treatment and remediation: Advances in S/S for waste and contaminated land

This special issue of the Journal of Hazardous Materials is a compilation of papers selected jointly by the editors of the "Stabilisation/solidification treatment and remediation: Advances in S/S for waste and contaminated land" conference proceedings and the Journal of Hazardous Materials. The International Conference on Stabilisation/Solidification Treatment and Remediation: Advances in S/S for Waste and Contaminated Land was held on 12–13 April 2005 at Cambridge University. It was organised and hosted by the UK Network STARNET. STARNET (Stabilisation/solidification Treatment And Remediation NETwork) was established in May 2001 to build a network of key participants to work together to promote the development of research on and implementation of UK stabilisation/solidification treatment and remediation practices. The Network (http://www.starnet.eng.cam.ac.uk) was funded by the UK Engineering and Physical Sciences Research Council (EPSRC).

Although the conference covered a wide spectrum of S/S themes, a limited number of papers were selected for review and publication in this Special Issue. These papers were selected to cover state-of-the-art advances on S/S, focusing on research of different treated material types, e.g. synthetic drill cuttings and firing range soils, a variety of binders, e.g. quicklime, cement and industrial by-products, leaching tests, accelerated ageing with elevated temperatures, use of the Rietveld method as an assessment tool, technical sustainability assessment and comparison, predictive modelling and field case studies.

The nine papers presented herein underwent the Journal's comprehensive review process. Thus, publication of this Special Issue reflects the sustained efforts by both the reviewers and contributing authors. The editors are grateful to the Journal Editor, Dr. Charles Shackelford, for his support. We also gratefully acknowledge his executive assistant Ms. Linda Hinshaw for the help she provided during the preparation of this Special Issue.

It is our sincere hope that this publication represents a significant contribution for the benefit of the scientific and regulatory communities who are involved in stabilisation/solidification activities.

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