

Risk Analysis V

Simulation and Hazard Mitigation

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Preface

This Volume of the Transactions of the Wessex Institute contains papers presented at the 5th International Conference on Risk Analysis that was held in Malta in 2006.

Risk analysis is a very important discipline, which provides tools enabling decision makers to make the right choice, whether it is related to prevention of hazards, mitigation of consequences of natural or man-made hazards or communication of risk. As the modern society evolves, it introduces new types of hazards and consequently new research is needed in order to quantify these risks and prepare adequate mitigation strategies.

The conference offered the opportunity for the professionals involved in risk analysis to inform themselves on the progress made by their colleagues in this field, to be involved in discussions on key issues and challenges in risk analysis and to exchange views on various aspects.

The papers in this volume are divided into a series of sections dealing with: Estimation of risk; Hazard prevention, management and control; Methods and systems of safe ship operation; Flood risk; Soil, water and air contamination; Security risk; Risk management and Network systems.

The Editors are grateful to all the authors for their excellent contributions and in particular to the members of the International Scientific Advisory Committee for the review of the abstracts and the papers thus ensuring the high quality of this book.

The Editors
Malta, 2006

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