

# Preface

The International Conference on Durability of Critical Infrastructure, Monitoring and Testing (ICDCF 2016) is a conference intended to be a forum for researchers in all related fields, in addition to those listed under the conference topics and case studies describing practical experiences as well. The conference is aimed at engineers, scientists, field researchers, managers and other specialists involved in the theoretical and practical aspects in the fields of safety, sustainability and durability of the critical infrastructure against impact of all hazards on a project of the objects of critical infrastructure: natural, criminal, terrorist, and accidental, that in fact is a multi-hazard approach for modern security design.

The topics of the conference include risk analysis and risk management; safety material engineering; integrated safety design process; natural disaster management; emergency response; critical infrastructure protection; risk analysis, assessment and management; diagnosing and testing of materials; new materials for safety engineering; modelling and experiments; construction safety and security; safety of users in evacuation; emergency and crisis management; explosive engineering; underground structures and tunnels; new standards on security engineering.

This issue contains selected papers from the ICDCF 2016, which took place in Šatov, a beautiful region of South Moravia, from December 6 to December 12.

Finally, as guest editors, we would like to express our sincere appreciation to the members of the editorial committee and the advisory board for giving an opportunity to work with us. We are grateful to all the authors and reviewers of the manuscripts, and especially Prof. Vladimír Křístek, Conference Chairman, for his valuable advice and his support team from the University of Defence in Brno.

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