

Preface

We would like to welcome you to International Conference on Geo-spatial Technologies and Earth Resources (GTER-2017), which will be held during October 5–6, 2017, at the Hanoi University of Mining and Geology (HUMG), Hanoi, Vietnam. GTER-2017 is co-organized by HUMG and International Society for Mine Surveying (ISM) to celebrate the 50th anniversary of Department of Mine Surveying (HUMG). The conference is financially supported by Vietnam Mining Science and Technology Association (VMSTA), Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR), Vietnam National Coal-Mineral Industries Holding Corporation Limited (VINACOMIN), and Dong Bac Corporation (NECO).

The main objective of the conference is to provide a platform for researchers, academicians, and engineers in the field of geospatial technologies and earth resources to present their recent research results. In addition, this conference provides a setting for them to exchange new ideas, innovative thinking, and application experiences face-to-face, to establish research or business relations, and to find partners for future collaboration.

The conference program was organized into three sessions covering topics of geospatial technologies, advance in mining and tunneling, and geological and earth sciences. Overall, the conference has attracted more than 288 papers, and among them, 57 high-quality papers were recommended to submit for this Springer proceedings book for peer-reviewing. Then, the double-blind review process was carried out for the 57 papers, in which each paper has been reviewed for its merit and novelty by at least two reviewers and one editor by matching the content areas. As a result, a total of 24 papers have been finally selected for this book. We believe that this proceedings book provides a broad overview of recent advances in the fields of geospatial technologies and earth resources for readers.

Finally, we would like to express our sincere thanks to (i) the President of ISM : Prof. Anatoly Okhotin; (ii) the Rector of HUMG : Assoc. Prof. Le Hai An; (iii) the Vice Rectors of HUMG : Assoc. Profs. Bui Xuan Nam, Tran Thanh Hai, and Tran Xuan Truong for their help in administrative works and other support. Special thanks go to Michael Leuchner and Bhavana Purushothaman at Springer

International Publishing AG for always responding promptly. We would like to thank all the reviewers for their timely and rigorous reviews of the papers and thank all the authors for their submissions.

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