

Preface

Where the light of knowledge does not exist, there exists the darkness of ignorance

The 3D GeoInfo Conference forms a forum for researchers worldwide to shape the new aspects of 3D GeoInformation Management. Between 27 and 29 November 2013, the 8th 3D GeoInfo Conference was organised in Istanbul/Turkiye. Istanbul is known as the city of history and culture—a city where civilizations and continents meet. Experts and academics from all over the world participated in the 8th 3D GeoInfo 2013 to share their visions and explore the opportunities of collaboration and cooperation. The 3D GeoInfo series aims at bringing together international state-of-the-art research and facilitating dialogue on emerging topics in the field of 3D GeoInformation. The conference with the focus on 3D GeoInformation offers an interdisciplinary forum in the fields of 3D data collection and modelling; reconstruction and methods for 3D representation; data management for maintenance of 3D GeoInformation, 3D data analysis and visualization. In 2013, the conference hosted two excellent keynote speeches by Mike Horhammer (Oracle) and Bart de Lathouwer (OGC Europe). A pre-conference workshop on 3D aspects of Oracle Spatial was conducted by Mike Horhammer (Oracle) and received considerable attention and excellent feedback from the conference participants. A remarkable speech on academic publishing was given by Christopher Gold on the second day of the conference. During the conference, the first meeting of the International Executive Board of 3D GeoInfo was conducted with the participation of Alias Abdul Rahman, Jantien Stoter (also representing Sisi Zlatanova), Jiyeong Lee, Philippe De Maeyer, Thomas Kolbe, Jacynthe Pouliot, Umit Isikdag, Claire Ellul, Christopher Gold and Martin Breunig. The 3D GeoInfo 2013 conference was the eighth one in the series following the conference in Canada and before the conference in Dubai. There were 60+ papers presented by authors from all over the globe. This book is an edited volume based on (a selection of) extended versions of the papers that were presented during the conference. The aim of this publication is to provide the latest developments in the field of 3D GeoInformation Modelling and Management. I would like to thank all the authors for making this volume possible, to all the participants of the 8th 3D GeoInfo Conference including the keynote speakers, and also to the local committees and members of staff and students of Yildiz Technical University for making this conference possible. I would like to conclude by expressing my sincere thanks and gratitude to my wife

(Zeynep Ates Isikdag) and to my parents (Zuhal Isikdag and Ugur Isikdag) for always being near and supporting me through this process. I would like to dedicate this volume (i) to the memory of all scientists, who helped the formation of theoretical and practical aspects of GeoInformation Science and (ii) to the best scientists (like yourself) who are humble rather than proud, who understand the values of science, value of scientists, and who only work for the rise of the light of knowledge.

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