The annual 3D GeoInfo Conference aims at bringing together international state-of-the-art research and facilitating dialogue on emerging topics in the field of 3D geoinformation. On the 1st and 2nd of October 2018, the 13th 3D GeoInfo conference was organised at the Delft University of Technology. On this occasion, the topics included 3D data collection and modelling, reconstruction methods for 3D representation, data management for maintenance of 3D geoinformation or 3D data, applications of 3D geoinformation, and visualisation.

This volume of the ISPRS Annals contains the 12 full papers that received the most positive double-blind peer reviews from the Scientific Committee of the 3D GeoInfo Conference. The other 33 presented papers are published in the ISPRS Archives.

We hope that the papers in this special issue will inspire decision-makers, academics, engineers, computer scientists, land surveyors, urban planners, and students interested in the 3D geoinformation domain. We would like to thank all the authors, the reviewers, and the organising committee for their valuable contribution towards this publication.

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