

PREFACE
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Jiang Jie, President, ISPRS Technical Commission IV
National Geomatics Center of China
No .28,Lianhuachi West Road, Haidian district,Beijing, 100830 Beijing, People's Republic of China

Commission IV

The work of ISPRS Technical Commission IV is devoted to geospatial databases and location based services. For the XXIII ISPRS CONGRESS 2016, Technical Commission IV received 30 full paper submissions and 183 abstract submissions. 19 of these submissions accepted as peer-reviewed contributions for publication in the ISPRS Annals, and 122 were accepted for publication in the ISPRS Archives.

These papers are dedicated mostly to topics of the 8 TC IV working groups and 2 inter-commission working groups, including methods for update and verification of geospatial databases, global status of mapping and geospatial database updating, global DEM interoperability, Web and cloud based geospatial services and applications, sensor web and internet of things, 3D indoor modelling and navigation, planetary mapping and spatial databases, computing optimization for spatial databases and location based services, and global land cover mapping and services. I believe these papers nicely summarise the state of the art and current trends in the field of Technical Commission IV. The papers and abstracts were evaluated by the experts in the field and Working Group Chairs according to content, significance, originality, relevance and clearness of presentation.

I would like to thank the authors for their contributions, the reviewers for their reviewing, the working group officers for their efforts on calling for papers, and the organizers of the Congress for publishing this volume.