

PREFACE

The ISPRS Technical Commission III Midterm Symposium on "Developments, Technologies and Applications in Remote Sensing" was held in Beijing, China, during May 7-10, 2018, aiming to provide an inter-disciplinary platform for experts, scholars and practitioners to present the latest developments and applications, discuss cutting-edge technologies, exchange research ideas, and promote international collaboration in the field of remote sensing. The Symposium received 719 full paper and abstract submissions, among them 43 double-blind peer-reviewed full papers were published in ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information, and 447 papers accepted through abstract review were published in the International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences.

These papers are dedicated mostly to topics of the 10 TC III Working Groups, 6 Inter-commission Working Groups and 2 joint sessions, including Thematic Information Extraction, Microwave Remote Sensing, SAR-based Surface Generation and Deformation Monitoring, Hyperspectral Image Processing, Information Extraction from LiDAR Intensity Data, Remote Sensing Data Fusion, Landuse and Landcover Change Detection, Remote Sensing of Atmospheric Environment, Cryosphere and Hydrosphere, Agriculture and Natural Ecosystems Modelling and Monitoring, Planetary Remote Sensing and Mapping, Disaster Assessment, Monitoring and Management, Remote Sensing Data Quality, Environment and Health, Pattern Analysis in Remote Sensing, Global Mapping: Updating, Verification and Interoperability, Urban Sensing and Mobility, and Remote Sensing for Regional SDI. These Papers presented the state of art and future trends in the field of remote sensing. The full papers and abstracts were reviewed by the members of the symposium Scientific Committee comprised of Working Group officers and invited experts.

We would like to take this opportunity to express our gratitude to the Scientific Committee, Local Organizing Committee, Sponsors, Exhibitors and all those who have contributed to this successful Symposium. We also want to express our thanks to the authors for their excellent papers and presentations.

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