

**PREFACE**  
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**Commission I**

For ISPRS Technical Commission I a record number of 334 submissions for the 2016 Prague Congress was received. This included both full paper and abstract submissions from 6 continents, representing 81 countries. For the first time in TC I history, there were 62 full paper submissions, from which 28 passed the double-blind peer-review process and were accepted for publication in the ISPRS Annals; note that three and four reviews were obtained for each paper. Abstract submissions were reviewed by two professionals, and the subsequently developed manuscripts together with the rest of the full paper submissions resulted in papers from 272 submitted to 181 accepted to the ISPRS Archives.

The manuscripts in both the ISPRS Annals and Archives cover a broad range of topics related to remote sensing platforms and technologies, and reflect the current trends in algorithmic research and developments in sensing and data acquisition methods. Noteworthy is that contributions to WGs I/2, and ICWGs I/Va and I/Vb represent the largest share in the TC I publications. This is attributed to sensor miniaturization and strongly driven by the widespread use of UAS and mobile mapping platforms, which is the motivation for intensive research internationally in the integration of low-cost sensors to support mapping and navigation in cities, indoors, and complex built-up areas in general.