Preface

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Éric Guilbert, Laval University, Canada

The Workshop on Collaborative Crowdsourced Cloud Mapping and Geospatial Big Data (C3M&GBD) deals with intelligent capture and integration of big geospatial data. It addresses the need to dispose of automatic processing tools to handle various kinds of data and take quick and reliable decisions. The workshop will present latest research results about new algorithms for processing large sets of crowdsourced data and volunteered geographical information but also new services and collaborative architectures for cloud processing and mapping. The different sessions will feature presentations on web platforms and services for handling remotely sensed datasets, different approaches for road network and traffic analysis from trajectory data and further solutions for processing and analysing crowdsourced and VGI data. The workshop also includes one joint session with the Laser Scanning Workshop on big data and a training session on how to organise a mapathon.

The workshop is organised in conjunction with twelve other workshops as part of the ISPRS Geospatial Week 2019 in Enschede, Netherlands. It was organised by members of four working groups: WGIV/4, WGIV/1, WGIV/8, WGIV/7 and WGII/2.25 contributions were submitted. Out of them, 2 were selected for publication in ISPRS annals through a full paper blind review process and 20 were selected for publication in ISPRS archives.

Finally, we would like to thank all the authors for their contributions and all the reviewers for their thorough and timely evaluation. We look forwards to meeting you during the Geospatial Week.

Organising committee

- Maria Antonia Brovelli, Politecnico di Milano, Italy
- Éric Guilbert, Laval University, Canada
- Ken Arroyo Ohori, TU Delft, Netherlands
- Jan Boehm, UCL, United Kingdom
- Pawel Boguslawski, Wroclaw University of Science and Technology, Poland
- Mathieu Brédif, IGN France
- Martin Breunig, KIT, Germany
- Cidália Costa Fonte, University of Coimbra, Portugal
- James Haworth, UCL, United Kingdom
- Umit Isikdag, Mimar Sinan Fine Arts University, Turkey
- Songnian Li, Ryerson University, Canada
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