Preface: Workshop "Photogrammetric 3D Reconstruction for Geo-Applications (PhotoGA 2023)"

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Development of new approaches and algorithms related to image matching, orientation, alignment and fusion applied to various data sources such as conventional as well as unconventional images is an ongoing research area from experts from photogrammetry, remote sensing, and computer vision fields in both academia and industry. This workshop focuses especially on algorithms and approaches for photogrammetric 3D reconstruction in the context of geospatial applications and had as core topics: models and methods for image orientation, multi-source data alignment and fusion, 3D data acquisition and surface reconstruction, image sequence analysis, multi-view geometry, and structure-from-motion (SfM) for data acquired from terrestrial, drone, airborne and spaceborne platforms, as well as the geo-applications of these methods.

Authors were invited to submit full papers of a maximum length of eight pages. The organizing committee has received five full papers for review that undergo a rigorous review process by two-three members of the program committee. Additionally, we received ten abstracts that were reviewed by at least two members of the program committee as well. We accepted four full paper submissions as well as eight abstracts. Three accepted full papers and four selected abstract submissions were presented orally at the workshop. The remaining five papers were presented as posters.

The Program Committee consisted of the following persons:
Mozhdeh Shahbazi, Canada
Ewelina Rupnik, France
Jianzhu Huai, China
Michael Schmitt, Germany
Dimitri Bulatov, Germany
Saeid Homayouni, Canada
David Belton, Australia
Ahmed Shaker, Canada
Gunho Sohn, Canada

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Responsible Technical Commissions/ involved Working Groups
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