

31.12.2023

Name of person	Ehsan Khoramshahi
Date of birth	21.8.1982
Agency	Finnish Geospatial Research Institute in the National Land Survey of Finland (FGI)
Employment	01.08.2014 – 31.12.2023 (10% employment in the period of 01.07. – 31.12.2023)
Tasks	<p>Dr Ehsan Khoramshahi has worked as a Research Scientist and Senior Research Scientist in the FGI Department of Remote Sensing and Photogrammetry. His responsibilities have encompassed a wide range of tasks related to photogrammetry, remote sensing, and machine learning applications, leading to methodological advancements in data acquisition, processing, and analysis using both airborne and terrestrial platforms. His key contributions include developing accurate calibration schemes and georeferencing algorithms for both static and mobile multi-projective camera systems, pioneering methods for real-time direct georeferencing of drone platforms and datasets, and designing novel deep multi-image object detection and classification approaches for challenging close-range remote sensing tasks.</p> <p>During his time at FGI, Dr Khoramshahi demonstrated profound expertise in photogrammetry, exceptional talent as a programmer, and innovative skills in developing machine learning algorithms. He excelled in creating technically advanced software solutions and developing novel methodologies to address complex research challenges. Furthermore, his ability to collaborate effectively within multidisciplinary research teams significantly contributed to the success of various high-impact projects.</p>
Place and date	Espoo 31.12.2023



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