

**EuroSDR Commission 1 Workshop**

**Data acquisition, processing and distribution within NMCA**  
**January 29<sup>th</sup> 11:30 – January 30<sup>th</sup> 14:00**

**Preliminary Program** - version 8.1.2025

<b>Wednesday, 29 January 2025</b>		
11:30 - 12:30	<b>Lunch and Welcome</b>	Gerard Smits, Eija Honkavaara, Jeroen Leusink, Jo van Valckenborgh
12:30 - 14:00	<b>EuroSDR questionnaires</b>	
13:00 - 13:15	The current state of (national) point cloud datasets in Europe and the potential for national-level point cloud data harmonisation, Results of EuroSDR Questionnaire	Daan van der Heide, Rijkswaterstaat, NL
13:15 - 13:30	Research needs of NMAs, Results of EuroSDR Questionnaire	Eija Honkavaara, Finnish Geospatial Research Institute, Finland
13:30 - 13:45	Aerial Image Specifications in NMCAs - results of a short eMail-survey	Christine Ressler, BEV - Federal Office of Metrology and Surveying, Austria
13:45 - 14:00	Discussion	
<b>14:00 – 14:40</b>	<b>Standardisation of quality control</b>	
14:00 - 14:20	Open QC software for LiDAR point clouds,	Martin Kodde, Geodelta
14:20 - 14:40	QC of airborne imaging systems and data acquisition	Ivar Oveland, Kartverket, Norway
<b>14:40 – 15:30</b>	<b>Data distribution</b>	
14:40 - 15:00	From the Real World to Data-Driven Insights	Arkadiusz (Arek) Szadkowski, ESRI
15:00 - 15:20	Point cloud streaming in QGIS	Adriaan/ TU Delft ( <i>either TU Delft or het Waterschapshuis, to be confirmed</i> )
15:20 - 15:30	Discussion	
<b>15:30 – 16:00</b>	<b>Break</b>	
<b>16:00 – 18:00</b>	<b>Data Acquisition and Data Programs</b>	
16:00 – 16:20	Riegl products	Peter Rieger, Riegl
16:20 – 16:40	Sensors from Vexcel and their use in large-scale mapping	Bernhard Schachinger, Vexcel
16:40 – 17:00	Hexagon products	Layton Hobbs, Hexagon
17:00 - 17:20	Wide area drone surveys using hydrogen-powered airships	Janne Hietala, Kelluu Ltd.
17:20 – 18:00	Discussion	
18:30	<b>Dinner</b>	

<b>Thursday, 30<sup>th</sup> January</b>		
<b>9:00 – 11:00</b>	<b>Data processing</b>	
9:00 – 9:30	Bayer pattern <i>(title to be confirmed)</i>	Andrew Flatman, Klimadatastyrelsen,
9:30 – 9:50	Feasibility analysis of implementing a nationwide point cloud classification system using AI	Jesús María Garrido Sáenz de Tejada, National Geographic Institute, Spain
10:00 – 10:10	Aero Triangulation on Oblique Imagery and Future Mapping Strategies (Denmark, Netherlands)	<i>(title and presenter to be confirmed)</i>
10:10 - 10:30	Airborne laser scanning in GNSS-denied areas	George Vosselman, University of Twente, NL
10:30 – 10:50	The scope and the distribution of the remote sensing data in Slovenia	Boštjan Pucelj, Survey and Mapping Authority of Slovenia
<b>10:50 – 11:20</b>	<b>Break</b>	
<b>11:20 – 13:00</b>	<b>Discussion and Standardisation of NMCA data acquisition</b>	
	Harmonisation, Acquisition, Classification, Tendering strategies etc	<i>(titles and presenters to be confirmed)</i>
<b>13:00 – 14:00</b>	<b>Closing, appointments, Lunch</b>	
	Frequency live meeting	
	Host next meeting	
	Frequency webinars	