

# GEOREFERENCING IN THE DIGITAL ERA 2025

## Workshop on How to Increase Use of Spatial Data & Sharing Data Across Borders - Relating to Reference Frames

27 – 28 May 2025 (Oslo, Norway), Direct connection to Oslo Airport Gardermoen via a walkway.  
Radisson Hotel & Conference Center Oslo Airport, Gardermoen

Registration deadline 18<sup>th</sup> of May on this link:

[Workshop Georeferencing in the digital era 2025](#) | [Kartverket.no](#)

Hotel reservation E-mail: [conference.airport.oslo@radisson.com](mailto:conference.airport.oslo@radisson.com)

## Preliminary program

### Day 1

Opening Session – Registration, Coffee & Highlights from the Previous Workshop		
Time		Speaker
10:00	Registration Coffee/tea	Radisson Hotel & Conference Center Oslo Airport, Gardermoen
11:00	Welcome	Karoline A. Skaar, Norwegian Mapping Authority
11:10	Recap from Tromsø	Ivar Oveland, Euro SDR

Session 1 – User Perspective		
<i>Guiding questions for the session:</i> <ul style="list-style-type: none"><li>○ What are the main challenges users face when handling geospatial data?</li><li>○ What role can international cooperation play in improving georeferencing practices?</li><li>○ How can we improve user education and accessibility regarding geodesy and terrestrial reference frames?</li></ul>		
Time	Title	Presenter
11:30	To be announced	Astrid Hvattum, Sopra Steria
12:00	User perspective for reference frame handling	Pål Herman Sund, Geodata
12:30	Geodetic and GIS Technical Challenges in European Industrial Projects	Sissel Sandstå, Equinor
13:00	Lunch	
14:00	Intro to breakout session	Karoline A. Skaar, Norwegian Mapping Authority
14:10	Breakout session	

<b>14:50</b>	Short summary from the groups	
<b>15:00</b>	Coffee/tea break	

## Session 2 – Software Perspective

*Guiding questions for the session:*

- *Can we develop strategies that ensure consistent preservation of key metadata such as time and CRS information across the geospatial ecosystems?*
- *How can we simplify CRS selection for end users?*

<b>Time</b>	<b>Title</b>	<b>Presenter</b>
<b>15:20</b>	User perspective in software development	To be announced
<b>15:50</b>	Dealing with coordinate reference systems as a PROJ contributor (and user)	Javier Jimenez Shaw, PROJ
<b>16:20</b>	An Exploration of Today's Technological Landscape	Sveinung Himle, Norwegian Mapping Authority
<b>16:50</b>	Intro to breakout session	Karoline A. Skaar, Norwegian Mapping Authority
<b>17:00</b>	Breakout session	
<b>17:45</b>	Short summary from the groups	
<b>19:00</b>	Dinner	

## Day 2

### Session 3 - Geodetic Perspective

*Guiding questions for the session:*

- *To what extent are reference frames harmonized at a European level?*
- *What are the benefits and challenges of adopting a fixed version of the International Terrestrial Reference Frame (ITRF)?*

<b>Time</b>	<b>Title</b>	<b>Presenter</b>
<b>08:30</b>	To be announced	Martin Lidberg, EUREF
<b>09:00</b>	To be announced	Brice Virly, IGN
<b>09:30</b>	The impractical nature of dynamic reference frames	Kristian Evers, Danish Agency for Climate Data
<b>10:00</b>	Coffee/tea break	
<b>10:20</b>	EPSG plans for documenting national realizations of ETRS89	Roger Lott, International Association of Oil and Gas Producers (IOGP)
<b>10:50</b>	To be announced	Martin Lidberg, EUREF
<b>11:20</b>	A century old national CRS in EPSG with sub-centimetre accuracy	Jochem Lesparre, NSGI (Kadaster)
<b>11:50</b>	Lunch	
<b>12:50</b>	Intro to breakout session	Karoline A. Skaar, Norwegian Mapping Authority
<b>13:00</b>	Breakout session	

<b>13:45</b>	Short summary from the groups	
--------------	-------------------------------	--

<b>Session 4 – Conclusion</b>		
<b>Time</b>	<b>Title</b>	<b>Presenter</b>
<b>14:00</b>		Gro Grinde, Norwegian Mapping Authority
<b>14:30</b>	To be announced	To be announced
<b>15:00</b>	To be announced	To be announced
<b>15:00</b>	Open Mic: Share Your Thoughts"	
<b>15:45</b>	Practical information	Karoline A. Skaar, Norwegian Mapping Authority
<b>16:00</b>	Workshop concludes	