

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

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">○ What are the main challenges users face when handling geospatial data?○ What role can international cooperation play in improving georeferencing practices?○ How can we improve user education and accessibility regarding geodesy and terrestrial reference frames?		
Time	Title	Presenter
11:30	To be announced	Astrid Hvattum, Sopra Steria
12:00	Implementation of geodetic frames: Update process, validation and availability for end users	Brice Virly, IGN, France
12:30	Geodetic and GIS Technical Challenges in European Industrial Projects	Sissel Sandstå, Equinor
13:00	Lunch	
14:00	Digital guides for visually impaired athletes	Olle Axelsson and Heidi Edvardsen, Nordic Evolution, Sweeden
14:05	Intro to breakout session	Karoline A. Skaar, Norwegian Mapping Authority

14:10	Breakout session	
14:50	Short summary from the groups	
15:00	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?*

Time	Title	Presenter
15:20	Georeferencing in Practice: Lessons from a Consultant's Software Toolbox	Gustav Fiskum, Norconsult
15:50	Dealing with coordinate reference systems as a PROJ contributor (and user)	Javier Jimenez Shaw, PROJ
16:20	An Exploration of Today's Technological Landscape	Sveinung Himle, Norwegian Mapping Authority
16:50	Intro to breakout session	Karoline A. Skaar, Norwegian Mapping Authority
17:00	Breakout session	
17:45	Short summary from the groups	
18:30	Demo: Guidance through sound signals	Olle Axelsson and Heidi Edvardsen, Nordic Evolution, Sweden
19:30	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)?*

Time	Title	Presenter
08:30	The EUREF Study group on alternatives for ETRS89	Martin Lidberg, EUREF
09:00	The impractical nature of dynamic reference frames	Kristian Evers, Danish Agency for Climate Data
09:30	Coffee/tea break with energy boost	
10:00	EPSG plans for documenting national realizations of ETRS89	Roger Lott, International Association of Oil and Gas Producers (IOGP)
10:30	On geodetic reference frames V.S. CRS in standards and registers	Martin Lidberg, Lantmäteriet, Sweden
11:00	A century old national CRS in EPSG with sub-centimetre accuracy	Jochem Lesparre, NSGI (Kadaster)
11:30	Break	

11:45	Intro to breakout session	Karoline A. Skaar, Norwegian Mapping Authority
11:50	Breakout session	
12:45	Short summary from the groups	
13:00	Lunch	

Session 4 – Conclusion		
Time	Title	Presenter
14:00	Beyond Europe: Reference Frame Strategies Abroad	Jeffrey Verbeurgt NGI, Belgium
14:30	Modernizing Geodetic Reference Frames in Europe	Gro Grinde, Norwegian Mapping Authority
15:00	The role of the European national mapping agencies from an end-user perspective	Ivar Oveland, EuroSDR
15:30	Open Mic: Share Your Thoughts"	
15:45	Practical information	Karoline A. Skaar, Norwegian Mapping Authority
16:00	Workshop concludes	