



Kartverket



Use of algorithms on big DEM's

Better utilization of
national detailed elevation models

Program committee

- Adam Andrzejewski, GUGIK Poland
- Jesús María Garrido Sáenz de Tejada, IGN Spain
- Christian Malmquist, Kartverket Norway
- Jon Arne Trollvik, Kartverket Norway
- Julián Delgado Hernández, IGN Spain
- Juha Hyypä, FGI Finland
- Håkon Dåsnes, Kartverket Norway,



Program

- KEYNOTES
- NEW SENSORS
- WATER DETECTION
- BATHY LIDAR
- FEATURE EXTRACTION
- TWO BREAK OUT SESSIONS



Program (day 1)

Day 1 (April 4th)

12:00	Lunch and registration
13:00	Welcome address, objectives and an introduction to EuroSDR Jon Arne Trollvik, Norwegian Mapping Authority (NMA) (No)
Session 1: Key notes	
13:15	iQmulus - A High-volume Fusion and Analysis Platform for Geospatial Point Clouds. Tor Dokken, SINTEF (No)
14:00	Introduction to Point Cloud Processing Xinlian Liang, FGI (Fi)
14:45	Coffee break
Session 2: New sensors	
15:05	LiDAR data capture with sensor SPL100 in the Region of Navarra Victor Garcia, Tracasa (Sp)
15:35	New possibilities with multispectral and hyperspectral point clouds Dagrun Aarsten, Terratec AS (No)
Session 3: Water detection	
16:05	Detection of Waterbodies from Dense Point Clouds Christian Malmquist and Jon Moe, NMA (No)
16:35	Automatic river network extraction from LiDAR data Jesus Maria Garrido Saenz de Tejada, IGN (Sp)
Session 4: Break out	
17:05	Introduction to break out / Coffee break
17:15	Break out discussion
18:00	Closure of meeting day 1
20:00	Get together dinner at Restaurant Krøneriet, Bankergveien 15, 0157 Oslo (at the harbor)



Program (day 2)

Day 2 (April 5 th)	
09:00	Introduction day 2
09:05	Wrap up of discussions day 1
Session 5: Bathy LiDAR	
9:20	Large scale Bathymetric LiDAR for shallow water, Jon Moe and Boele Kuipers, NMA (No)
Session 6: Feature extraction	
09:50	Feature extraction potential in the Norwegian national detailed elevation model Arkadiusz Szadkowski Terratec AS (No)
10:20	Coffee break
10:35	Detection of power lines and obstacles for aviation using national LiDAR data Jesus Maria Garrido Saenz de Tejada, IGN (Sp)
Session 7: Break out	
11:05	Introduction to break out (Topics to be decided end of day 1)
11.10	Break out discussion
11:45	Wrap up discussions from break out
Session 8: Closing session	
12:00	Recommendations for further work
12:10	Closure of meeting
12:15	Lunch

Restaurant Kverneriet at 8PM

- Address: Rambergveien 15

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