



Workshop:



Nationwide generation of height data - from Airborne laser scanning and other sources

Agenda

Title	Nationwide generation of height data - from Airborne laser scanning and other sources
Objective	Share experiences and knowledge gained with nationwide generation of height data. Identify common challenges and discuss possible solutions; identify fields of possible cooperation.
Venue	Premises of the County Governor of Vestfold, Statens park Bygg I, Anton Jenssens gate 4, 3125 Tønsberg (Map)
Dates	January 12 th and 13 th , 2015
Day 1 (January 12th)	
10:00	Registration and coffee
10:30	Welcome address, goals and objectives of the WS (Jon Arne Trollvik)
10:35	Introduction to EuroSDR (André Streilein)
Session 1: Concepts	
10:45	<i>A new elevation data set – from conception to fruition.</i> Thomas Knudsen, Geodatastyrelsen, Denmark
11:20	<i>High resolution elevation data in Poland</i> Piotr Wozniak, GUGIK POL
11:50	<i>Use of aerial survey and laser scanning for production of national data base of surface water hydrology</i> Vasja Bric, Geodetic institute of Slovenia, SLO
12:20	Lunch
Session 2: Quality	
13:30	<i>Automated routines for a quality assured terrain model</i> Andreas Rönnerberg, Lantmäteriet SWE
14:00	<i>A new segmentation-based classification methodology</i> Aymeric Godet, IGN FRA
14:30	<i>The challenge of generating a national synchronised elevation model to support the development of 3D geospatial analysis.</i> Hannah Hunt, Ordnance Survey GBR
15:00	<i>“Quality control”</i> (title to be decided) Robert Kroon, Geodelta B.V. NED
15:30	Coffee break
Session 3: Updating	
16:00	<i>Updating the Finnish ALS based 2 meter grid elevation model</i> Eero Ahokas, National Land Survey FIN

16:30	<i>Updating of nationwide DTM and DSM: Information fusion from LIDAR and photogrammetry</i> Roberto Artuso, swisstopo SUI
17:00-17:15	Wrap up day 1
20:00	Get-together dinner (no host). Address: (a nice restaurant in Tønsberg)
Day 2 (January 13th)	
08:30	Introduction second day
Session 4: Applications	
08:35	<i>Digital Height Model of Flanders II</i> Tony Vanderstraete, Flemish Geographic Information Agency, BEL
09:05	<i>How airborne lidar, terrestrial information and big data methods can be used to improve estimates of forest variables in small areas</i> Johannes Breidenbach, Norwegian Institute of Bioeconomic Research. NOR
Session 5: Break-out discussion	
09:35	Presenting headlines to be discussed by the participants during the break-out session. Organize participants into 4 groups (10 participants). Moderator and referent for each group are selected.
09:45	Break out session. All topics are discussed in each group. The groups minute the discussions on posters to be presented by one member during the following wrap-up session. The content of the posters will be summarized and included in the minutes of the workshop.
11:00	Wrap-up of break out from each group.
Session 6: Closing session	
11:45	Closing session with summary of all the sessions of the workshop and finally recommendations of the workshop. Future collaboration between participating countries? Do we need follow-up workshops?
12:00	Lunch