

Building partnership



Hungary-Slovakia
Cross-border Co-operation
Programme 2007-2013

European Union
European Regional Development Fund



FINAL SCHEDULE

of the scientific seminar

REMOTE SENSING IN FOREST PROTECTION AND FOREST INVENTORY

organized as a side event of the conference

ACTUAL PROBLEMS IN FOREST PROTECTION

DATE	ACTIVITIES
23.04. 2014 18:30–19:30	Arrival to Starý Smokovec Dinner
24.04. 2014	Scientific Seminar
8:30–9:30	Registration
9:30–9:40	Welcome by the host partner. <i>Tomáš Bucha - National Forest Centre Zvolen</i>
	<u><i>Session 1: Presentations within INMEIN - crossborder Hungary-Slovakia cooperation project</i></u>
9:40–10:00	Infrastructure, aerial survey and preprocessing of LIDAR data and multispectral images for INMEIN project. <i>Euboš Halvoň – National Forest Centre Zvolen</i>
10:00–10:20	Harmonization of field surveys and procedures for derivation the stand and tree variables from Airborne Laser Scanning (ALS) data. <i>Gábor Illés – Forest Research Institute Sarvár, Ivan Sačkov – National Forest Centre Zvolen</i>
10:20–10:40	ALS data-processing and its usage for forest cover and forest stand parameter estimation. <i>Géza Király – University of West Hungary Sopron</i>
10:40–11:00	Coffee break
11:00–11:20	Terrestrial Laser Scanning on the Slovakian side – methodology and results. <i>Milan Koreň – Technical University Zvolen</i>
11:20–11:40	The concept of hierarchical classification of forest land in Danube inundation area: examples of RS data utilization on different hierarchical levels. <i>Tomáš Bucha - National Forest Centre Zvolen</i>

11:40 – 13:30	Lunch <u><i>Session 2: International cooperation: Forestry – Lidar - Remote Sensing based presentations</i></u>
13:30–13:50	ALS applications in forestry in Czech Republic, opportunities and possible cooperation. <i>Tomáš Mikita – Mendel University Brno</i>
13:50–14:10	LiDAR technology - modern tools for the monitoring and management of forested areas in Poland. <i>Piotr Wezyk, Marta Szostak – Agricultural University Krakow</i>
14:10–14:30	<i>Towards a European Forest Risk Facility: FRISK-GO project introduction</i> <i>Frank Krumm - EFICENT</i>
14:30– 14:50	Tree species classification using Lidar data and airborne hyperspectral imagery <i>Tamás Tomor, Csaba Lénárt, Péter Burai - Károly Róbert College, Gyöngyös, Hungary</i>
14:50–15:00	Photomap Ltd. – presentation of company. <i>Miloslav Ďurica – Photomap Ltd. Košice</i>
15:00–15:20	Coffee break
15:20–17:00	Round table - Conclusion with suggestion for further common activities
17:00–19:00	Dinner
25.04. 2014	Excursion
9:00–12:00	Visit of the State Forest of High Tatras National Park – Research Station and Museum.
12:00–13:00	Lunch
13:00–17:00	Visit of the Skalnaté pleso (1750 m asl.) – cable lift (up – one way ticket 12 €) – hiking (down)

The seminar is organized within the project „Innovative methods of inventory and monitoring of the Danube floodplain forests using 3-D Remote Sensing technology“, with registration number: HUSK/1101/1.2.1/0141 and acronym: INMEIN.

Presentations in *ppt* format will be placed and available from INMEIN web page <http://www.inmein.nlcsk.sk/>