



## Scientific Conference Agenda

"Current condition of Białowieża Forest based on the first results of the project LIFE+ ForBioSensing PL *Comprehensive monitoring of stand dynamics in Białowieża Forest supported with remote sensing techniques*", BIAŁOWIEŻA, November 30, 2016 - Decemeber 2, 2016

From	to	Duration (h)	
<b>Day I (30.11.2016) – Conference begins at 11.00</b>			
10:00	11:00	1:00	<b>PATRICIPANTS REGISTRATION</b>
11:00	11:15	0:15	Conference Opening (Dr Janusz Czerepko, Assoc. Prof., Forest Reseach Institute (FRI) Director)
11:15	11:40	0:25	Promotional film of ForBioSensing Project
11:40	12:00	0:20	Department of Natural Forests in Białowieża presentation: History and current research problems (Dr Rafał Paluch, Assoc. Prof., Unit Manager, Silvicultural Researcher, FRI)
12:00	12:30	0:30	Project Presentation, part I (EngD Krzysztof Stereńczak, Project Manager, FRI)
12:30	12:50	0:20	Project presentation, part II (MEng Damian Korzybski, Office Manager, FRI)
12:50	13:50	1:00	Dinner time
<b>SESSION I: USING FIELD DATA FOR MONITORING TREE STANDS DYNAMIC OF BIAŁOWIEŻA FOREST</b>			
13:50	14:20	0:30	Long-term dynamic of tree stands on permanent field sample plots in Białowieża Forest (Prof. Bogdan Brzeziecki, Ph.D., Warsaw University of Life Science)
14:20	14:40	0:20	Current condition of Białowieża Forest - field sample plots (Dr Rafał Paluch, Assoc. Prof., Unit Manager, Silvicultural Researcher, FRI)
14:40	15:00	0:20	Dead spruces in the Białowieża National Park - from the dieback to the tree fall (Prof. Stanisław Miścicki, Ph.D., Warsaw University of Life Science, co-authors: MA Joanna Mielczarczyk, EngD Krzysztof Stereńczak)
15:00	15:30	0:30	Coffee break
15:30	15:50	0:20	Białowieża Forest climate (Dr Elżbieta Malzahn, Assoc. Prof., Department of Natural Forests, FRI)
15:50	16:10	0:20	Dead wood in Białowieża Forest (Łukasz Kuberski, Measurement and analysis of tree stand Specialist, FRI)
16:10	16:30	0:20	Introduction to dendrochronological analysis (E. Zin, EngD, Dendroecology Specialist, Department of Natural Forests, FRI)
16:30	16:50	0:20	Results of a survey on the level of local community knowledge about current condition of Białowieża Forest, BIOSTAT
16:50	17:30	0:40	Question-and-answer session
19:00			Supper



## Day II (1.12.2016) - begins at 8.00

### SESSION II: REMOTE SENSING in evaluating current condition of Białowieża Forest

8:30	8:50	0:20	Analysis of Białowieża Forest species composition based on hyperspectral data (MSc Aneta Modzelewska, Hyperspectral Remote Sensing Specialist, FRI)
8:50	9:10	0:20	Detection and measurement of gaps in tree stands (MEng Żaneta Piasecka, Laser scanning Specialist)
9:10	9:30	0:20	Trees detection using airborne laser scanning data (Bartłomiej Kraszewski, EngD, Geoprogrammer and support data analysis, FRI)
9:30	10:00	0:30	Characterization of tree stands in Białowieża Forest based on remote sensing data (EngD Krzysztof Stereńczak, Project manager, FRI)
10:00	10:30	0:30	Coffee break
10:30	11:15	0:45	Session II: RE-Use (scientific implementation)
11:15	12:00	0:45	Session II: RE-Use (practical implementation)
12:00	12:40	0:40	Discussion
12:40	13:30	0:50	Dinner time
13:30	14:00	0:30	Remote sensing - assisted mapping of bark beetle-induced tree mortality (Dr Hooman Latifi - Scientist at the Dept. of Remote Sensing, University of Wuerzburg.)
14:00	14:30	0:30	Dead trees detection using remote sensing data (MEng Małgorzata Białczak, Remote sensing Specialist, FRI)
14:30	15:00	0:30	Remote sensing data in tree species classification (Dr Fabian Fassnacht, Institute of Geography and Geoecology, Karlsruhe Institute of Technology)
15:00	15:30	0:30	Coffee break
15:30	16:00	0:30	Current spruce condition in Białowieża Forest - summary of the Project results (EngD Krzysztof Stereńczak, Project manager, FRI)
16:00	17:00	1:00	Discussion
18:00			Barbecue

## DAY III (2.12.2016) – coaches departure at 9.00

### SESSION IV: Field session in Białowieża Forest

9:00			Buses departure to field sessions
9:00	13:00	4:00	Field session/Members of the Project from Białowieża (group I/PL)
9:00	13:00	4:00	Field session/Members of the Project from Białowieża (group II/ENG)
13:00	14:00	1:00	Dinner time