



International Scientific Conference

Adaptation of Trees and Stands to Forest Disturbances: Management Considerations

Jointly organized by Latvia State Forest Research Institute “SILAVA”, Ministry of Agriculture of the Republics of Latvia and Institute of Forestry and Rural Engineering of Estonia University of Life Sciences

And including IX international workshop of SNS network Natural Disturbance Dynamics Analysis for Forest Ecosystem Management and European INTERREG IVC project FUTUREforest workshop

October 18 – 21, 2010

October 18 MONDAY	Arrival and registration in the “Islande Hotel”, Riga (<i>web: www.islandehotel.lv</i>)
21:00	Welcome dinner
October 19 TUESDAY	Breakfast at “Islande Hotel”
	Plenary sessions and poster session in the “Islande Hotel”
8:40	The conference opening: Arvīds Ozols , director of Forest departments of Ministry of Agriculture of the Republics of Latvia (7 min); Jurģis Jansons , director of Silava (5 min); Ahto Kangur , coordinator of SNS meeting (8 min)
9:00	Climate change predictions in the territory of Latvian – downscaling the regional climate models: Uldis Bethers , (Latvia University)
9:30	Indicators for possible adverse effects of climate changes and options for forest adaptation: Aris Jansons , Janis Donis, Agnis Šmits, Tālis Gaitnieks LSFRI Silava
10:30	Coffee break
10:50-13:00	Session 1, moderator: Marek Metslaid
10:50-11:15	Hurricanes and Fire: Interacting disturbances in coastal forests of the southeastern United States. J. Stanturf , S. Goodrick, Center for Forest Disturbance Science
11:20-11:35	Survival of Scots pine after wildfires depending on damage degree. J. Donis , G. Snepsts, L. Zdors, M. Bicevskis, LSFRI Silava
11:40-11:55	Chemical And Biological Renaturalization of afforested and abandoned arable <i>Arenosols</i> . K. Armolaitis , J. Aleinikovienė, V. Žėkaitė, Institute of Forestry, Lithuanian Research Center for Agriculture and Forestry
12:00-12:15	Influence of shelter wood cuttings in pine stands on undergrowth and ground vegetation development. V. Marozas , Lithuanian University of Agriculture
12:20-12:35	Effects of windthrow disturbance on forest - a northern perspective H. Kauhanen , Finnish Forest Research Institute
12:40-12:55	Studying the effect of abiotic and biotic forest disturbing factors that are expected to change with changing environment. O. Belova , Institute of Forestry, Lithuanian Research Center for Agriculture and Forestry
13:00	Lunch

- 14:00-16:00 Session 2, moderator: Aris Jansons
- 14:00-14:15 Responding to an uncertain future by forest tree breeding **M. Haapanen**, METLA
- 14:20-14:35 Adapting Swedish tree breeding and deployment strategies to climatic change. **B. Andersson**, Skogforsk
- 14:40-14:55 Effect of increased temperatures and carbon dioxide on the annual rhythm of young Scots pines **P. Pulkkinen**, METLA
- 15:00-15:15 Environmental and genetic effects on lammas growth of Norway spruce. H. Kvaalen, G. Sogaard, **A. Steffenrem**, Norwegian Forest and Landscape Institute
- 15:20-15:35 Climate effects on the phenology of natural Norway spruce provenances. **A. Steffenrem**, Norwegian Forest and Landscape Institute
- 15:40-15:55 Growth and growth rhythm in pine and spruce. **J. Westin**, Skogforsk
- 16:00 Coffee break
- 16:30-17:45 Session 3, moderator: Ilze Silamikele
- 16:30 Adaptation of forests to climate change: EU level policy & information project: introduction – INTERREG project FUTUREforest. **G. Wagener-Lohse**
- 16:55 Stand attributes and location define wind and snow damage in conifer mountain forests in the Eastern Pyrenees **S. Martín-Alcón**, J.R. González-Olabarria, L. Coll, Forest Technology Center of Catalonia
- 17:20 Solving of actual and expected effects of abiotic and biotic forest disturbances in Slovak Republic. **V. Caboun**, National Forest Centre-Forest research institute.
- 17:45-18:00 Session closing
- 18:00 Departure to Research forests, Jaunkalsnava (coffee)
- 20:30 Check - in and dinner at the hotel “Smeceres krog” (*web: www.smecere.lv*)
- October 20** Breakfast at the hotel “Smeceres krog”
- WEDNES-** Presentations indoors and outdoors
- DAY**
- 8:45-10:30 Session 4, moderator Ahto Kangur
Morning session of presentation in “Smeceres krog” (www.smecere.lv): 5 presentations from Natural Disturbance Dynamics network and probably 1-2 related to tree adaptation
- 8:45-9:00 Mitigation of disturbance impacts: selection of forest reproductive material on the basis of disturbance dynamics and genetic properties. **T. Maaten**, Estonian University of Life Sciences
- 9:05-9:20 Fire risk classification of Finnish forests. **H. Lindberg**, T. Heikkilä, I. Vanha-Majamaa, HAMK University of Applied Sciences
- 9:25-9:40 Response of bryophyte communities following logging, wildfire and spruce budworm outbreak in the Acadian forest region, eastern Canada. **M. Schmalholz**, Stockholm University
- 9:45-10:00 Vegetation recovery after fire disturbance, **K. Teppo**, Estonian University of Life Sciences
- 10:05-10:20 Carbon dynamics of aboveground live vegetation of boreal mixedwoods after wildfire and clearcutting. **M. Seedre**, H. Y.H. Chen, Estonian University of Life Sciences
- 10:30-11:00 Coffee break, check out, departure

11:30	Genetic differences in root rot resistance in context of adaptation – open pollinated progeny trial of Scots pine (A. Jansons , T. Gaitnieks)
12:30	Lunch in the forest
13:30	Non-clearcut management of Scots pine (J. Donis)
13:55	Departure to forest district of Jaunjelgava
15:00	Influence of regeneration material and method to Scots pine stand development and carbon sequestration (A. Jansons , I. Baumanis, A. Lazdins, J. Donis)
	Coffee in the forest
16:00	Post-fire management considerations (J. Donis)
~ 17:00	Departure to Riga
18:00	Check - in the hotel “Islande Hotel”
19:00	Official dinner, closure of the conference

October 21 Breakfast at “Islande Hotel”
THURS- Departures
DAY

