

Send the report to SNS-secretary *Katrine Hahn Kristensen*  
(*hahn@life.ku.dk*)

## REPORT NETWORK ACTIVITY (meeting, conference etc.)

Please notice that the size of text sections in the form can be adjusted if needed.

**The length of the final report should not exceed 3 pages.** Supplementary information can be attached.

1. Aktivitetsens titel	Analys av naturlig störningsdynamik i skogsekosystem förvaltning
2. Activity title	Network: Natural Disturbance Dynamics Analysis for Forest Ecosystem Management
3. Coordinator /contact person (name, address, telephone, telefax. e-mail)	Kalev Jõgiste Institute of Forestry and Rural Engineering Estonian University of Life Sciences Kreutzwaldi 5 51014 Tartu, ESTONIA Phone: +3727 313 133; +37 250 56619; Fax: +37 27 313 153
4. Duration	The activity started 01 /01 2010 and ended 31/12 2010
5. Cost	SNS-grant: 8 000 EUR Total activity cost (estimate): 9000 EUR
6. Description of activity (incl. objectives, results, conclusions)	The main aim is to gain new knowledge in the area of natural disturbance regimes and forest ecosystem processes. An ecosystem understanding integrates physical and chemical processes with an understanding of the adaptations of individual organisms. This network is focused on the SNS target item: environmentally friendly forest management. These concerns of ecosystem resilience are particularly relevant in the context of global climate change. A common understanding of the responses of forests to disturbance process will be generated through a focused workshop. The workshop organised reflects thematic groupings that bring together researcher with overlapping interests, methods, and data. The international workshop <i>Adaptation of trees and stands to forest disturbances: Management considerations</i> was organized in Riga, Latvia October 18 - 21 2010. Preliminary discussion was held to plan the workshop in Estonia (October 2010). Started preparation of establishment of new permanent experiments for forest disturbance monitoring.

<p>7. Evt. publication/ communication</p>	<p>The planned special issue was negotiated with Silva Fennica and Annals of Forest Science.</p>
<p>8. Activity summary (about 1/3 page) for possible use in the News &amp; Views section of Scandinavian Journal of Forest Research</p>	<p>The eighth meeting of SNS network “Natural Disturbance Dynamics Analysis for Forest Ecosystem Management „took place in Riga Latvia from October 18 to 21. It was organized jointly with European INTERREG IVC project. Totally 81 participants from 13 different countries Bulgaria, Estonia, Finland, Germany, Great Britain, Latvia, Lithuania, Norway, Poland, Slovakia, Spain, Sweden, USA) attended the meeting. 21 oral presentations were hold during the meeting. Wide array of topics was included. The adaptation of trees was discussed on different levels. The progeny test analysis was presented by several speakers. The role of animals is not sufficiently covered. The contacts with zoologists and pathologists is planned for the future. It is worthy to note that great number of postgraduates was involved from different countries. Thesis defences have been carried out by members of the network in different countries. The discussion on further activities was focused on the next meeting in Estonia (jointly with FURN network) and publication procedure.</p>
<p>9. Date and signature</p>	<p>Date:     06.12.2011  Signature of project leader/coordinator: Kalev Jõgiste</p>