



norden

Nordic Forest Research (SNS)

Network no: N2014-10


Send the report to SNS-secretaries Jonas Römberg and Inga Bodeker (bodeker.sns@slu.se)

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	Natural Disturbance Dynamics Analysis for Ecosystem Based Management (FORDISMAN)
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: +37 27 313 133; +37 250 56619; Fax: +37 27 313 153 e-mail: kalev.jogiste@emu.ee
4. Duration	The activity started 01/01 2014 and ended 31/12 2014
5. Cost	SNS-grant: 20000 EUR Total activity cost (estimate):
6. Description of activity (incl. objectives, results, conclusions)	The network Natural Disturbance Dynamics Analysis for Ecosystem Based Management started its activity in 2002. The acronym FORDISMAN is used since 2013. The joint activity with PRIFOR group was started in 2012. The activity has been focused in the meetings to discuss the disturbance dynamics of boreal and temperate forest. Another topic for the FORDISMAN network is the carbon balance analysis of natural forests. The forest carbon cycle is highly influenced by climatic variability and disturbance regimes. The effects differ according to disturbance types, character of the individual events and local conditions. The discussions for the network are the questions how to emulate natural disturbance regimes, and mitigate negative disturbance effects. Also the carbon sequestration is analyzed in the context of forest disturbance theory.

<p>7. Evt. publication/ communication</p>	<p>In 2014 we organised the publishing special issue in Canadian Journal of Forest Research. Sylvie Gauthier, Kalev Jõgiste, Bengt Gunnar Jonsson, Timo Kuuluvainen, W. Keith Moser were serving as guest editors. The review and evaluation is in the progress at the moment.</p> <p>Kangur, A., Metslaid, M. Moser, W.K., Trei, P. (eds.) 2014. Book of abstracts: International conference Forest landscape mosaics: disturbance, restoration and management at times of global change, Tartu, Estonia 11-14 August 2014. Transactions of the Institute of Forestry and Rural Engineering, Estonian University of Life Sciences, 40, 140 p. (ISBN 978-9949-536-46-7)</p>
<p>8. Activity summary (about 1/3 page) for possible use in the News & Views section of Scandinavian Journal of Forest Research</p>	<p>International scientific conference „Forest landscape mosaics: disturbance, restoration and management at times of global change“ took place on August 11–14, 2014 in Tartu, Estonia.</p> <p>The initiative for the conference came from two working groups of EFINORD-SNS: the Nordic Working Group on the Ecology of Primeval Boreal Forests (PRIFOR) and the network Natural Disturbance Dynamics Analysis for Forest Ecosystem Management (FORDISMAN).</p> <p>The conference also served as a meeting platform for IAVS (International Association for Vegetation Science), FURN (Forest Ungulate Research Network) and IUFRO networks. Together with the mentioned EFINORD-SNS networks, which are dealing with different aspects of forest disturbances and restoration, a substantial set of research institutes was represented.</p> <p>The conference brought together scientists, practitioners and experts to share experiences about forest disturbances, restoration and management at times of global change, and to evaluate past, present and future application and implementation of research findings from the scientific community. Major themes of the conference related to the conservation and sustainable use of forests as natural resources in the face of global environmental change. The conference also addressed how global environmental change and political decisions alter natural and human disturbances.</p> <p>Altogether about 150 people from 22 countries participated in the conference. During three days of presentations, keynote speeches were given by Prof. K. Jõgiste, Dr. S. Gauthier, Dr. K. Junninen, Prof. S. Sugita, Dr. E. Shorohova and Dr. W.K. Moser. In addition, distributed over 8 sessions covering the major topics, 81 oral presentations, were delivered complemented by a poster session.</p> <p>On the second day three different Mid-Conference Excursions were organized, where participants visited either Järvelja, Endla–Kassinurme, or Kiidjärve–Taevaskoja. During the excursions guides, researchers and practitioners gave an overview of the history and natural conditions of the visited sites.</p> <p>After the conference those had an opportunity to join the post-conference excursion, which took the participants to West-Estonia, and the islands Hiiumaa and Saaremaa.</p> <p>More information can be found on conference webpage: http://www.forestdisturbances.com/.</p>
<p>9. Date and signature</p>	<p>Date: 02.03.15 Signature of project leader/coordinator: Kalev Jõgiste</p> 



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ECONOMIC REPORT NETWORK ACTIVITY (meeting, conference etc.)

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The length of the report should not exceed 2 pages.

1. Activity title	Natural Disturbance Dynamics Analysis for Ecosystem Based Management (FORDISMAN)
2. 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: +37 27 313 133; +37 250 56619 Fax: +37 27 313 153 e-mail: kalev.jogiste@emu.ee
3. SNS grant (other funds may be specified)	Amount granted in SNS currency (Euro): SNS grant in national currency: 20000 EUR
4. Cost	Cost in national currency: -salary and social costs 0 -travel costs 12450 -publication costs 3310 - other cost items 31460 Total cost 47220

<p>5. Economic result (deficit of surplus)</p>	<p>Economic result in national currency. (Evt. surplus should be refunded to SNS unless other arrangement has been agreed)</p> <p>The network activity was covered by SNS grant 20000 EUR Self financing part 27220 EUR</p>
<p>6. Evt. comments</p>	<p>International scientific conference “Forest landscape mosaics: disturbance, restoration and management at times of global change”, which took place in August 11-14, 2014 at Dorpat Conference Centre, Tartu, Estonia was the main item to finance. The main costs consisted of traveling expenses and venue costs for the conference.</p>
<p>7. Date and signature</p>	<p>Date: <i>02.03.15</i> Signature of project leader/coordinator: Kalev Jõgiste</p> 