

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	Managing Forestry's Impact on the mercury contamination in fish: Does the varying sensitivity of different catchments to harvest impacts hold the key to more effective mitigation
2. Activity title	<b>Nordic Forest Water Mercury Network – NorForM</b>
3. Coordinator /contact person (name, address, telephone, telefax, e-mail)	Prof. Kevin Bishop SLU, Inst för vatten och miljö Box 7050, 750 07 Uppsala Tel +46-18-673131 Fax +46-18-673156 Kevin.bishop@slu.se
4. Duration	The activity started 1/1/2011 and ended 31/12/2011
5. Cost	SNS-grant 175 000 DKK 214 340 SEK Total activity cost (estimate): 195 842 SEK
6. Description of activity (incl. objectives, results, conclusions)	Mercury in fish remains both a major environmental problem and a scientific puzzle. Research from Sweden, Canada and Finland all indicate a connection between forestry operations and the input of mercury/methylmercury to aquatic ecosystems. As more studies are completed, large differences are appearing in the magnitude of the Hg response. Understanding these differences may be a key to more effective mitigation. The Nordic Forest Research Cooperation Committee (SNS) has funded two major network activities in 2011. The first was participation by Nordic researchers in the 10th International Conference on Mercury as a Global Pollutant (ICMGP) July 25-29 in Halifax, Canada. NorForm succeeded in scheduling a half-day special session "Forestry and Mercury-Understanding the Connection in order to break it". Four speakers from NorFORM were among the eight speakers in the session. NorForm also organized a field visit to Finnish stump harvesting sites where mercury was being studied. Liisa Ukonmaanaho from the Finnish Forestry Research Institute organized the visit October 3-4 with half a dozen participants from Sweden and

<p>7. Evt. publication/ communication</p>	<p>This was reported by SNS in News and Views 2011 – 6</p> <p>The KSLA Web page also posted summaries of all the speakers presentations.</p> <p>Kevin Bishop also organized a special session on the topic at the International Conference on Mercury as Global Pollutant in Canada, July 2011. Several of the speakers from the Nordic Forestry Mercury Network made presentations there.</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>Mercury in fish remains both a major environmental problem and a scientific puzzle. NorForm organized a special session “Forestry and Mercury-Understanding the Connection in order to break it” at the 10th International Conference on Mercury as a Global Pollutant (ICMGP) July 25-29 in Halifax, Nova Scotia. Research from Sweden, Finland, Norway, Canada, and the Amazon was presented, including an invited keynote that summarized the results from a NorForm conference six months earlier. The overall conclusions from the ICMGP Special Session were that forest harvest operations increase loadings of mercury to downstream aquatic biota. This has been seen in catchment studies and large scale regional assessments. The response to forest harvest operations at specific sites varies greatly however, from almost none at all to manifold increases in methylmercury output and bioaccumulation. Understanding the riddle of why the mercury response of some sites is so sensitive to forestry operations, and other less so may hold the key to both a more fundamental understanding of what creates methylation hotspots and how to manage forest practices to minimize impacts on mercury levels in fish.</p>
<p>9. Date and signature</p>	<p>Date: 2013-02-17</p> <p>Signature of project leader/coordinator:</p> 