

## Notes from Section Environment board meeting 9 December 2015, Arlanda, Sweden

Participants: Svein Skøien (Norway), Helena Aronsson (Sweden), Christen Duus Børgesen (Denmark), Asko Simojoki (Finland), Virginijus Feiza Lithuania), Susanne Eich-Greatorex (Norway)

Aim of the meeting: To get to know each other, to elect chair and vice chair for our section and to make plans for coming activities

Presentation	<p>We started with a presentation of us. Some of us has long or some experience of working within NF, and some of us are new. We are all experienced researchers within soil and environmental science, example of our interests are (<b>welcome to add!</b>):</p> <ul style="list-style-type: none"> <li>Soils physics (soil structure, soil compaction etc)</li> <li>Recycling of nutrients in organic wastes</li> <li>Biochar, soil organic C and measures for mitigation of climate change</li> <li>Modelling N and P losses both at national level and field scale</li> <li>Soil and crop modelling (N and C)</li> <li>Measures for reduced losses of N and P from agriculture</li> <li>Policy work and implementation of the WFD and Nitrate directive</li> </ul>
NJF information	<p>Svein gave a general presentation about NJF and the role of the sections. Svein is soon retired from his position as a president and there is an election going on. Next congress will be in Kaunas, 2018, so our mandate period will be during 2016 until then.</p>
About seminars	<p>1-2 seminars each year is what we are supposed to handle. Cooperation with other sections is encouraged. The planning of a seminar should start about one year in advance and consist of a working group. It is very important that costs will be covered, and if there are more participants than expected there will be a surplus for NJF (which is appreciated). A seminar is often 2 days, sometimes 1. There is a web-based seminar system (Dinkurs.se) which we will use</p>
Activities 2014-2015	<ul style="list-style-type: none"> <li>-Long-term stream water quality monitoring March 2014, Norway</li> <li>-Mitigation of N<sub>2</sub>O from agricultural soils , Sep 2014 Sweden</li> <li>-Soil degradation Sep 2015, Lithuania</li> </ul>
Planning 2016-2018	<p><u>Our strategy:</u> Important to be updated about what is going on around us (Europe), and find activities which do not overlap but is which are applied for problems we need to solve for our specific Nordic soil and climate conditions and different constraints.</p> <p><u>Possible themes:</u></p> <ul style="list-style-type: none"> <li>• Lithuania 2016 (already planned): Novel methods for circulating plant nutrients. Is it possible for us to cooperate?</li> <li>• Water framework directive, measures to reach environmental goals</li> <li>• P seminar (4 years since the last one). Together with plant section?</li> <li>• Bio-economy, circular economy...</li> <li>• Organic matter in soils, C sequestration, the role of organic matter, classification of organic soils</li> </ul>

	<ul style="list-style-type: none"> <li>• Climate change and adaption to changing soil moisture conditions, extreme weather (much going, so we have to find where we best can contribute)</li> <li>• Modelling (different catchment models used in different countries). Some work done in Baltic compass, but maybe worthful to come together</li> <li>• Problems related to intensification of agriculture, soil compaction</li> <li>• 2017: end of Agropro-project (Agronomy for increased food production in Norway - Challenges and solutions): maintain an increased yields in a changing climate (Lilian Ö)</li> <li>• <b>Other suggestions are warmly welcome!!</b></li> </ul> <p><u>Our suggestions:</u></p> <p>2016:</p> <ul style="list-style-type: none"> <li>• Novel methods for circulating plant nutrients, in Lithuania sep 2016 (Virginijus, Susanne and Christen check possibilities for us to cooperate with planning)</li> </ul> <p>2017:</p> <ul style="list-style-type: none"> <li>• P seminar with Plant Section (everybody check for interest)</li> <li>• Agropro in Norway (Susanne starts checking)</li> <li>• PhD course about crop modelling in Denmark August. Have a seminar after that course? (Christen)</li> </ul> <p>2018:</p> <ul style="list-style-type: none"> <li>• Organic C in soils, modelling, climate change (Christen, Asko)</li> </ul>
Election	<p>Our chair person will be Helena Aronsson and vice chair person Asko Simojoki  We are very free to circulate the chair positions, which Helena and Asko find a nice suggestion. Virginijus will be the chair during 2018.</p>
Next step	<p>Our task now is to start planning seminars, where our suggestion for 2016 must be examined as soon as possible (<b>Susanne, Christen, Virginijus</b>). The suggestion is that we keep in contact by mail and have a telephone or Skype meeting when we need. <b>Helena</b> can coordinate a meeting in spring 2016 about the plans for P seminar. <b>Susanne</b> will examine possibilities for a seminar at the end of the Agropro-project.</p>