

# ***INVITATION TO NJF SEMINAR 448***

## **Soil compaction – effects on soil functions and strategies for prevention**

**6 – 8 March 2012, Helsinki, Finland**

You are warmly welcome to attend the NJF seminar 448 (Nordic Association of Agricultural Scientists), to be held at the House of Science and Letters in Helsinki, Finland from 6 to 8<sup>th</sup> March, 2012.

### **Background and objective**

Traffic by agricultural machinery imposes a stress field in the soil profile, which may create persistent deformation of the soil. Soil compaction is a global problem, which affects several important soil functions relevant to crop production, and environmental and socio-economical issues.

A solution to the compaction problem calls for cooperation between authorities, stakeholders, farmers and scientists. We need to improve the empirical basis for modelling and decision support

tools. Models for the compaction process and for compaction impact on soil functions need to be refined and incorporated in modern ICT decision support tools.

**The overall objective of this seminar** is to bring together researchers, governmental authorities and stakeholders for reviewing state-of-the-art knowledge concerning (sub)soil compaction, its short- and long-term effects on soil functioning, and the strategies and measures for the prevention of compaction.

## SEMINAR TOPICS

Societal concern and upcoming regulations  
Understanding of soil compaction processes  
Soil functions – crop production  
Soil functions – environmental impacts  
Soil compaction prevention strategies

## CONFIRMED SPEAKERS

Johan Bouma, The Netherlands  
Anna-Maija Pajukallio, Finland  
Thomas Keller, Switzerland  
Jerzy Lipiec, Poland  
Nick Jarvis, Sweden  
Peter Weisskopf, Switzerland

## TARGET GROUP

Researchers  
Advisors  
Teachers  
Governmental organizations for Agriculture and Environment  
PhD students  
Farmers  
All other interested parties



## IMPORTANT DATES

Submission of abstracts for oral and poster presentations 15 January 2012  
Notification of acceptance for presentations 1 February 2012  
Final registration 15 February 2012

## REGISTRATION FEES

NJF members 240 EUR  
Non-members 350 EUR

*The seminar will address the compaction problem in a worldwide context and is open to all. The seminar language is English.*

**The call for abstracts is now open!**

Check the website for full details: <http://www.njf.nu/>