

International DFJ seminar Thursday 28. May 2015, 10-12 a.m. (GMT+1)

Soil texture and measurement of particle size distribution – state of the art and novel methods

Call for presentations – if you want to present, please send a title and a short abstract to the organisers before May 15.

Soil texture is a key parameter in many pedotransfer functions for physical and chemical soil properties. It is often assessed by field observation, and since many decades by combined sieving and sedimentation in pipette or hydrometer. Pretreatment methods are variable, and laboratory practices may have developed over time. Other methods for characterization of particle size distribution have become commercially available and present in many soil research laboratories within the last 20 years, e.g. laser diffraction and VIS/NIR spectroscopy. At the seminar we will present work from smaller internal Danish projects where the emerging methods and instruments have been compared, i.e. repeatability on the same instrument and the ability to reproduce results between two labs with different instruments.

The talks will be recorded and made available on-line, live if possible. Lunch will be provided, if you are a member of DFJ and sign up for the seminar by sending a mail to Vibeke Ernsten ve@geus.dk or Ingeborg Callesen ica@ign.ku.dk before May 21.

Organisers: Dansk forening for Jordbundsvidenskab, Department of Geosciences and Natural Resource Management (IGN) and GEUS

Place: Theodor Sorgenfrei Auditoriet, GEUS, Øster Voldgade 10, 2100 Kbh Ø. Meeting place is the reception.