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August, 2013

WP2, Training by UH For (CP8), 14-day training period

»Biogeochemistry, hydrology and soils; root turnover with field visit« – A Training Programme for staff at the Slovenian Forestry Institute

Given by: Prof. Dr. Heljä-Sisko Helmisaari (University of Helsinki, Department of Forest Sciences)

Lecture program

Friday, 30 August 2013

(Velika dvorana Gozdarskega inštituta Slovenije)

from 11:00 till 12:30

Fine roots and soil carbon in boreal forests

Present knowledge on drivers of fine root and mycelia carbon allocation and further, input to soil C in boreal forests, fine root C allocation on environmental gradients and from experiments that manipulate soil temperature, water and nutrient. Use of forest bioenergy (branches with leaves and/or stumps), effects on forest ecosystem carbon and nutrients, long-term sustainability of residue and stump harvesting & guidelines for sustainable bioenergy use.

Prof. Dr. Heljä-Sisko Helmisaari

Prof. Dr. Heljä-Sisko Helmisaari is a forest scientist working on forest ecosystems, forest soil, carbon and nutrient dynamics and environmental change. Since 2010 she is full professor in Forest soil science (Department of Forest Sciences, Faculty of Agriculture and Forestry, University of Helsinki). Author of more than 50 research publications, participant of many research projects and active participant and member of different COST actions.