



WORKSHOP 3: Lethal dose of drought

Estoril, 21 October 2014

Organiser: Andreas Bolte

Topic description - Lethal dose of drought (at population scale) – the LD₅₀SWD approach

Lethal drought indicator L50SWD

- Novel approach (in particular link to SWD)
- has to be applied/validated in studies and experiments (e.g. drought experiment)
- clear definition of SWD (acc. to plant-available soil water)
- joined seedling experiment and P50 measurements in 2014

Agenda workshop, Tuesday October 21 (9:00 – 16:30 hours)

- (1) Introduction round (old and new TG members)
- (2) General information about the concept/aims of the TG
- (3) Presentation of the results of the current work
 - Sylvain Delzon and/or others:
Drought sensitivity of beech provenances (parent stands), P 50
Measurements on branches
 - Claudia Coccozza, Roberto Tognetti:
Results of the drought experiment on young plants (Italy)
 - Andreas Bolte, Eva Psidova:
Results of the drought experiment on young plants (Germany)
- (4) Discussion of the results
 - Results and conclusions
 - Options and limitation of the methods
 - Follow ups
- (5) Publications
 - Options and limitations for the publication of the results
 - Authorship
 - Allocation of writing tasks
 - Timeline
- (6) What else?

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