



Changes in the Manual on Forest Growth Assessments

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Manual on Forest Growth



- Draft manual based on the discussion in the FUTMON status workshops:
- Main changes:
 - Adaptation of the Growth manual to the new format
 - Inclusion of possible growth measurements on level I plots, like in Biosoils on level II plots
 - Inclusion of the permanent and continuous growth measurements as in the Action Group D1 FUTMON
 - Clearer structure of the quality control aspect



Changes Forest Growth I



- 1. Introduction: enlarged, but no essential changes
- 2. Scope: Table of variables added, parameter list was updated with revised data quality limits.
- 3. Objectives: Completely re-written, concentrating on the trade-off between costs and representativity
- 4. Location of measurements and sampling:
 - includes level I and level II plots
 - new structure according to the proposal, divided into the four different approaches of increment assessment: periodic, permanent, continuous, retrospective
 - new chapters on sample selection, sampling equipment and sampling frequency, technical information on dendrometers.



Changes Forest Growth II



- 5. Measurements
 - codes from former annex 1 on tree status and mortality included into this chapter.
 - Permanent measurements are optional in IM plots, but mandatory in Core plots. Continuous measurements are optional on all plot types.
 - Data quality objectives or tolerable limits: Data quality codes newly introduced
 - Plausibility limits : New table added
- 6. Data processing
 - Chapter rewritten but not principally changed
- 7. References
 - updated



Changes Forest Growth III



- 8. Annexes
 - Annex 1: practical hints how to measure and figures are added.
 - Annex 2: more or less unchanged
 - Annex 3: describing the procedures of permanent and continuous measurement
 - Annex 4: the former annex 4 is moved completely to the main part instead the idea of a "ring-test" for data evaluation is described. If accepted by the task force this test should take place during the year 2010.



Thank You!