

PROGNOSIS OF THE DEVELOPMENT OF DECAY AND THE FRACTURE-SAFETY OF HOLLOW TREES

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Summary

This publication presents a new visual method for the assessment of tree-stability and tree safety. The contribution of this method is the synthesis and integration of previously published tree assessment methods. The key points of this paper are considered as critical for the further enhancement of current visual tree-stability and safety assessment. The briefly described method is very accessible and proves to be highly efficient in the field. By integrating knowledge from different research disciplines and methods, a higher level of understanding, about how trees stand up or fall down, is achieved.

Key words: Critical wind speed • decay • prognosis • residual wall • safety • visual assessment • wind load analysis