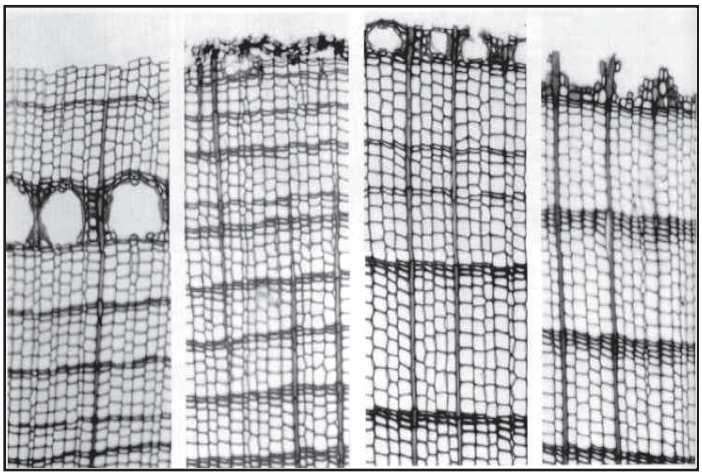
7th Nordic Dendrochronological Fieldweek

7 points PhD level course supported by NOVA University

June 27 - July 02, 2022 Alnarp / SLU course code PFS0180

Background. The use of tree-rings is strongly increasing in many fields of science, especially in ecology. Disturbance history, climate reconstruction and analysis of human impact on forest ecosystems are areas where precisely dated tree-ring chronologies can add new and unique information. With the course we would like to give a broad overview of dendroecology, concentrating on field and lab techniques, to provide a starting point for a wider use of tree-ring based methods.

Target group. The Dendroweek is intended for Ph.D. level students interested in dendroecology and its various applications. During the course the students will acquire a range of practical skills, which should allow them to independently collect and analyze tree-ring datasets. Although the course will be designed primarily for those with little experience in the tree-ring research, it should also be of value for students already using dendro methods in their projects.



Major topics. Dendroclimatological reconstructions, fire history, disturbance dynamics, stand reconstructions, human influence in forest landscapes: dating traces of human activities, lab and field techniques of dendrochronology and dendroecology. Cross-dating and chronology development. Dendrochronological software. The Dendroweek will include a limited amount of lectures and will be structured around several mini-projects done by the students in small groups.

Prerequisites. Master in forestry, biology, geography, environmental sciences, and related fields. The participants should be admitted as PhD or Licentiate student in a relevant subject.

Responsible department - Department of Southern Swedish Forest Research Centre, SLU Alnarp

To register for the dendroweek, send an email to **Igor.Drobyshev@slu.se**