

PH.D. POSITION (60% TV-L 13 SALARY)
ON
**TREE RING RESEARCH IN THE
CONTEXT OF CLIMATE CHANGE AND
CARBON SEQUESTARTION**



The Institute for Forest Growth is specialized in tree ring research. The Institute's laboratory is equipped with innovative and efficient methods for analysis of tree ring parameters such as wood density profiles, abrasive hardness and cell structure. For the investigation of these wood parameters of European and Chinese tree species the **Institute for Forest Growth** offers a **Ph.D. position**.

Your tasks

- Sample collection in Europe and China.
- Working with innovative and highly efficient equipment and methods for analysis of tree ring parameters such as wood density (HF-densitometry), abrasive hardness and wood anatomy.
- Analysis of dry biomass and carbon content.
- Upscaling above ground biomass to stand level.

Your profile

You have a master's degree in forest science, wood science, plant biology or related disciplines. You show pronounced interest and experience in scientific work and methodology, statistical data analysis as well as in publishing articles in scientific journals. It is expected that your work in the framework of this project will include the formulation and submission of a cumulative Ph.D. thesis. Besides fluent English language and the readiness for field and laboratory work, you should also show a high degree of independence, organizational talent and teamwork capacity.

Interested?

Please apply until the **30th of April** via [email](#) with complete application documents to:

Prof. Dr. H. Spiecker
Institut für Waldwachstum
Tennenbacher Str. 4
79106 Freiburg
instww@uni-freiburg.de

For further information please contact Mr. Dominik Stangler (Tel. +49 (0) 761 203-3738 or dominik.stangler@iww.uni-freiburg.de)

The Ph.D. position is financed until 15th of March 2015. The University Freiburg aims to increase the proportion of female employees and explicitly encourages qualified women to apply for this position, too.