

Curriculum vitae: Prof Dr Jürgen Bauhus
Head of the Institute of Silviculture
Dean of the Faculty of Forest and Environmental Sciences
University of Freiburg
Date of birth: 23 June 1964
Nationality: German

Present appointments

- Since Oct. 2010. Dean of the Faculty of Forest and Environmental Sciences, University of Freiburg
- Since June 2003. Professor of Silviculture, Head of the Institute of Silviculture, University of Freiburg
- Since Sept. 2003. Adjunct Professor, School of Resources, Environment and Society, Australian National University, Canberra.

Previous positions

- Jul. 2001 - Jan. 2002. Guest-Professor at the Institute of Silviculture, Göttingen University, Germany.
- June 1996 – May 2003. Lecturer, and from 1999 onwards Senior Lecturer, Australian National University, Forestry Program, School of Resources, Environmental and Society.
- Aug. 1994 - May 1996. Post-Doctoral Fellow at the Department of Biological Sciences, University of Quebec at Montreal, Canada.
- Jan. - July 1994. Research Scientist and Public Relations Manager at the Forest Ecosystems Research Centre, Göttingen University, Germany.
- Jan. 1991 - Dec. 1993. PhD student at the Institute of Silviculture, Göttingen University, Germany.
- Mar. - Dec. 1990. Pre-Doctoral Fellow (DAAD), CSIRO Forestry and Forest Products, Canberra, Australia.
- Jan. - Feb. 1990. Research Assistant at the Institute of Silviculture, Göttingen University, Germany.
- Oct. - Dec. 1989. Researcher on contract with the Forest Experimental Station, Lower Saxony, Germany.

Academic Qualifications

- 1989, Diploma in Forestry (equivalent to BSc Honours, First Class), Forestry Faculty, Georg-August University Göttingen, Germany
- 1994, Doctor of Forest Sciences (Thesis title 'Nutrient Cycling in Beech Forest Gaps', Summa Cum Laude), Forestry Faculty, Georg-August University Göttingen, Germany

Academic Awards, Distinctions & Scholarships

- 2008 Teaching Award of the University of Freiburg
- 2008, „Professor of the year“ Award by the German university magazine UNICUM in the category natural sciences and medicine
- 2001, Deutsche Forschungsgemeinschaft (DFG) Mercator Guest-Professorship
- 1995, Foundation of the University of Quebec at Montreal, Postdoctoral Fellow scholarship
- 1994, Bourse d'Excellence, Government of Quebec, Ministry of Education, Postdoctoral Fellow scholarship
- Scholarship: German Academic Exchange Organisation (DAAD) for pre-doctoral research at CSIRO Division of Forestry and Forest Products, Canberra

Service to the University of Freiburg

- Dean, Faculty of Forest and Environmental Sciences, since 2010
- Director: Graduate School "Environment, Society and Global Change" 2008-2010
- Programme leader: International MSc Programme – Forest Ecology and Management, 2005-2008
- Programme leader: International PhD Programme – Forestry in Transition, 2004-2007
- Programme leader: Binational PhD Programme FORIX – between Nancy and Freiburg, funded by the German-French University, 2006-2007
- Silva-Network Representative, since 2006

Service to the Scientific Community – Editing and Reviewing

- Editorial Board, European Journal of Forest Research, Subject Editor Silviculture and Forest Ecology (2004 – 2008), since 2008 Associate Editor.
- Associate Editor – Canadian Journal of Forest Research, 2005-2008
- Editorial Board – Australian Forestry (2001-2003)
- Regular Reviewer of manuscripts for the journals: *Forest Ecology & Management*, *European Journal of Forest Research*, *Plant and Soil*, *Canadian Journal of Forest Research*, *Trees*, *Oecologia*,
- Occasional Reviewer of manuscripts for the journals: *Tree Physiology*, *Ecosystems*, *New Phytologist*, *Biological Conservation*, *Water, Air & Soil Pollution*, *Science*, *Ecological Applications*, *Soil Science Society of America Journal*, *Austral Ecology*, *Annals of Forest Sciences*, *Forestry*, *Journal of Plant Nutrition and Soil Science*, *Allgemeine Forst- und Jagdzeitschrift*, *Journal of Tropical Forest Science*, *Plant Biology*, *Soil Biology and Biochemistry*, *Regional Environmental Change*, *Forest Policy and Economics*.
- Reviewer of Research proposals for: Deutsche Forschungsgemeinschaft, Finnish Academy of Sciences, Australian Research Council (International Reader), Canadian Network of Centres of Excellence, Deutsche Bundesstiftung Umwelt, National Research Foundation of South Africa.
- Assessor of nomination for an Order of Australia award

Service to the Scientific and Professional Community – Advisory Boards, External Examinations, Selection Committees and boards of foundations

- Member – Scientific Advisory Board on Agricultural Policy at the Federal Ministry of Food Agriculture and Consumer Protection, since 2009
- Chair – Silviculture Research Group, under the German Association of Forest Research and Experimental Institutions (DVFFA), since 2010.
- Member – Kuratorium of the Forest Experimental Station of Baden-Württemberg, since 2010
- Member – Advisory Board of the Association of Forest Site Classification and Tree Breeding, since 2010
- External Member of Selection Committee for ETH Zürich, University of Natural Resources and Applied Life Sciences (Boku), Vienna, Göttingen University
- External Examiner: University College, Dublin; The Royal Veterinary and Agricultural University, Copenhagen; University of Queensland, Brisbane; University of Tasmania, Hobart, University of Melbourne
- Board of the Georg-Ludwig-Hartig Foundation

PhD Supervision, degree awarded

- Christopher O'Hara 2003. The significance of soil physical fractions for the cycling of phosphorus, carbon and nitrogen in forests of south-east Australia. Australian National University.
- David Forrester 2004. Mixed-species plantations of nitrogen-fixing and non-nitrogen-fixing trees. Australian National University.
- Chris McElhinny 2005. Quantifying stand structural complexity in woodland and dry sclerophyll forest, south-eastern Australia. Australian National University.
- Lorenzo Bonosi 2005. The influence of light and size on photosynthetic performance, light interception, biomass partitioning and tree architecture in *A. pseudoplatanus*, *F. excelsior* and *F. sylvatica* seedlings. University of Freiburg.
- Hannes Böttcher 2007. Forest management for climate change mitigation – Modeling of forestry options, their impact on the regional carbon balance and implications for a future climate protocol. University of Freiburg.
- Kobsak Wanthonchai 2008. Effects of different burning frequencies on fire behaviour, nutrient dynamics, soil properties, and vegetation structure and composition in dry dipterocarp forest, Huay Kha Khaeng Wildlife Sanctuary, Thailand. University of Freiburg.
- Tiemo Kahl. 2008. Kohlenstofftransport aus dem Totholz in den Boden. University of Freiburg.
- Philip Alcorn 2009. Crown dynamics and pruning response in young plantation-grown *Eucalyptus pilularis* and *Eucalyptus cloeziana* trees. Australian National University.

- Marie-Cecile Gruselle 2009. Litter decomposition in mixed spruce-beech stands. University of Freiburg.
- Julia Dordel 2009. Effects of nurse tree species on growth environment and physiology of underplanted *Toona ciliata* Roemer in subtropical Argentinean plantations. University of British Columbia.
- André Nzogang 2009. Tropical forest dynamics after logging – natural regeneration and growth of commercial tree species in southeast Cameroon. University of Freiburg.
- Mark Neyland 2009. The response of the vegetation to a range of alternatives to clearfelling of tall wet eucalypt forests at the Warra silvicultural systems trial, Tasmania, Australia. University of Tasmania.

Invited Keynote Presentations

- Weihenstephaner Forsttage, „Möglichkeiten und Grenzen der Energieholznutzung“, November 2010.
- National Forest Strategy 2020 Meeting. Berlin, April 2010.
- Freiburger Winterkolloquium Forst und Holz. Freiburg, January 2010.
- International Pro-Silva Conference (20th anniversary), Logarska Dolina, Slowenien, September 2009
- International Conference “Old Forests - New Systems”, Hobart, Tasmania, February 2008
- National Convention of the Institute of Chartered Foresters of Britain, York, September 2007
- International Workshop on Oldgrowth Forests, Jena, Germany, September 2006
- International Botanical Congress, Vienna 2005: The effects of tree species mixtures on nutrient cycling and ecosystem productivity.
- IUFRO World Congress, Brisbane 2005: Designing long-term silvicultural experiments in structurally complex forests.

PUBLICATIONS

ISI Web of Science Ranking (**Reference day: 2010-11-30**)

No. of ISI publications	times cited	h-index
52	972	19