

Chris Harwood

Contact details

Christopher Eric Harwood
Honorary Fellow
CSIRO Land and Water
Private Bag 12, Hobart TAS 7001
+61-408-862033
Chris.harwood@csiro.au

Home address: 47 View St, Sandy Bay 7005
Home postal address: PO Box 167, Sandy Bay 7006

Date of birth

April 2, 1950

Academic qualifications

- BSc (Hons 1), University of Tasmania 1973
- PhD (Environmental Biology), Australian National University 1977

Employment

I was employed by CSIRO from 1987 to 2014. My research focussed initially on species and provenance evaluation and the design and implementation of tree breeding strategies to support forest plantation development. Subsequently, I have researched tree breeding and plantation silviculture for solid-wood products, and sustainable wood production from short-rotation plantations. I designed and led a series of development assistance projects in developing countries addressing these issues and focussing on capability building in partner countries such as Vietnam, India and Malaysia. I have a particular interest in smallholder forestry and agroforestry in the tropics. Following my retirement from the position of Senior Principal Research Scientist, I have maintained an association with CSIRO as an Honorary Fellow. I also provide advice on an ongoing basis to the World Agroforestry Centre (ICRAF) on tree domestication.

Scientific and Professional Appointments and awards

- Editorial Panel, Journal of Tropical Forest Science, 2006 -
- Associate Editor, New Zealand Journal of Forestry Science, 2009 -2016
- Panel editor, Australian Forestry Journal, 2017-
- Reviewer of research grant proposals for International Science Foundation, 1995-2002
- External review panel member for Third External Programme and Management Review of ICRAF, 2005-06
- Awards from the Ministry of Agriculture and Rural Development, Government of Vietnam in 1995 and 2012 for service to forest development in Vietnam.
- IUFRO Scientific Achievement Award, 2014

Publishing history

Over 90 peer-reviewed journal articles, 30 conference presentations and 6 books.

Key publications

- Eldridge KG, Davidson J, Harwood CE, Van Wyk G 1993. *Eucalypt Domestication and Breeding*. Oxford University Press. 271 p.
- Harwood CE, Nambiar, EKS 2014. Sustainable plantation forestry in South-East Asia. ACIAR Technical Report No. 84. Australian Centre for International Agricultural Research, Canberra, Australia. http://aciar.gov.au/files/tr_84_web.pdf
- Nambiar, EKS, Harwood, CE, Kien, N. 2015. Acacia plantations in Vietnam: research and knowledge application to secure a sustainable future. *Southern Forests* 77(1): 1-10.
- Harwood, CE, Hardiyanto, EH, Yong, WC 2015. Genetic improvement of tropical acacias: achievements and challenges. *Southern Forests* 77(1): 11-18.
- Varghese M, Harwood CE, Bush DJ, Baltunis B, Kamalakannan R, Suraj PF, Hegde D, Meder R 2016. Growth and wood properties of natural provenances, local seed sources and clones of *Eucalyptus camaldulensis* in southern India: implications for breeding and deployment *New Forests* 48: 67-82.