

CURRICULUM VITAE

Dr. John Herbohn *BSc PhD GDipAcc MCom CPA*

Professor and Director, Tropical Forests & People Research Centre
University of the Sunshine Coast, Australia

Biography

The overarching aim of my research has been to understand the factors that influence the biophysical and socio-economic performance of small-scale forestry systems with an objective to improving these systems, particularly in respect to smallholder and community forestry in tropical developing countries. My research has a strong applied research and policy focus and is directed at informing evidence-based changes to practice and for policy development and implementation. I have published five books with international publishers (one currently in process), including one which has been translated into Chinese, over 85 journal articles and 42 book chapters.

Personal Particulars

Name:	John Luke Herbohn
Present positions:	Professor and Director Tropical Forests and People Research Centre University of the Sunshine Coast Reader in Tropical Forestry The University of Queensland (Adjunct)
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Nationality:	Australian citizen
Date of birth:	18 November, 1963
Website:	http://jherbohnforestrygroup.weebly.com/
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Academic Qualifications

Bachelor of Science *JCU* (1987)
Bachelor of Science (Hons) *JCU* (1988)
Graduate Diploma of Accounting *JCU* (1991)
Doctor of Philosophy *JCU* (1996)
Master of Commerce *JCU* (1997)

Expertise Topics

- Tropical forest restoration
- Forest economics
- Tropical mixed species plantations
- Socio-economic aspects of tropical reforestation
- Hydrological and nutrient impacts of reforestation
- Small-scale and community forestry
- Carbon dynamics in tropical forests
- Climate change policy and forests
- Multi-dimensional reporting systems
- Management of tropical forests

Professional Associations

- Member of the Certified Practicing Accountants of Australia (CPA Australia)
- Member of the Institute of Foresters of Australia (IFA)
- Member of the Society of American Foresters (SAF)
- Member of the Centre for Social and Environmental Accounting Research
- Steering Committee Member of the PARTNERS Reforestation Network (USA)

Major Ongoing Research Projects

- Enhancing the implementation of community forestry approaches in PNG. ACIAR, \$2.1M over 3.5 years commenced on 2013
- Improving watershed rehabilitation outcomes in the Philippines. ACIAR \$2.2M over 5 years commenced on 2012

Key Stakeholder Engagement

Substantial involvement in policy development in the Philippines especially in conjunction with the Department of Environment and Natural Resources. Similar involvements in PNG.

International Professional Service and Activities Highlights

- Board of Directors, Taumata Plantations Ltd. (Taumata is a private company with forest assets worth in excess of \$1.5 billion. It owns 15% of the NZ forest estate)
- Independent Assessor, 2004 Selection Round of the Cooperative Research Centres (CRC) Programme, DEST. Application: CRC for Sustainable Forest Landscapes
- Managing Editor for *Small-scale Forest Economics, Management and Policy*
- Chairperson, Journal Management Committee for *Small-scale Forest Economics, Management and Policy*
- Coordinator of IUFRO Research Group 3.08 Small-scale Forestry 2005-2010, Deputy Coordinator, 2000-2005
- *Australian Forestry* Panel Editor for fields of Small-scale Forestry and Forest Economics
- Organiser of IUFRO Research Group 3.08 Small-scale Forestry Symposium in Cairns (Australia, 2000), Sunshine Coast (Australia, 2015) and Co-organiser in Ormoc (Philippines, 2007)
- Queensland State Executive Committee member, Institute of Foresters of Australia (2005-present)
- Chair of Scientific Panel for IUFRO Research Group 3.08 symposium in Galway (Ireland, 2006) and Co-chair of Scientific Panel for IUFRO 3.08 symposium in Gerardmer (France 2008), Vilnius (Lithuania, 2005). Member of Scientific Panel of IUFRO Research Group 3.08 Symposia in Joensuu (Finland, 2001), Gengenbach (Germany, 2002) and Washington State (US, 2004)

Employment Record

Professor of Tropical Forestry, Forest Industries Research Centre, University of the Sunshine Coast, March 2014 - present

Professor of Tropical Forestry, School of Environment, Science and Engineering, Southern Cross University, January 2013 – October 2013

Associate Professor and Reader (Level D) on Tropical Forestry, School of Agriculture and Food Sciences, UQ, 2006 - present

Senior Lecturer, School of Natural and Rural Systems Management, UQ, December 2000 - 2006

Senior Lecturer and Lecturer, Accounting & Finance Program - School of Business, JCU, July 1990 - November 2000

Graduate Teaching Assistant, Accounting & Finance, JCU, July 1989 - July 1990

Tutor (half-time), Botany, JCU, July 1988 - June 1989

Research Assistant, Botany, JCU, June 1987 - June 1988

Selected Peer-reviewed Publications

Books

Herbohn, J.L. Harrison, S.R., Bliss, J., McDaniel, J., Suh, J., Teeter, L., Vanclay, J. (in press). **Social and Economic Research Methods for Forest Management**. CAB International, UK

Harrison, S.R., and **Herbohn, J.L.** Eds. 2001. **Sustainable Farm Forestry in the Tropics: Social and Economic Analysis and Policy**. Edward Elgar, Cheltenham, 292 pp.

Harrison, S.R., **Herbohn, J.L.** and Herbohn, K.F. Eds. 2000. **Sustainable Small-scale Forestry: Social and Economic Analysis and Policy**. Edward Elgar, Cheltenham. 247 pp.

Dayanandra, D., Irons, R., Harrison, S., **Herbohn, J.** and Rowland, P. 2002. **Capital Budgeting: Financial Appraisal of Investment Projects**. Cambridge University Press, Cambridge. 321 pp.

Journal articles

Harrison, S., **Herbohn, J.** 2016. Financial Evaluation of Forestry Investments: Common Pitfalls and Guidelines for Better Analyses. **Small-scale Forestry**, DOI: 10.1007/s11842-016-9334-1.

Mukul, S.A., **Herbohn, J.** 2016. The impacts of shifting cultivation on secondary forests dynamics in tropics: a synthesis of the key findings and spatiotemporal distribution of research. **Environmental Science & Policy**, 55: 167-177.

Baynes, J., **Herbohn, J.**, Chazdon, R.L., Nguyen, H., Firn, J., Gregorio, N., Lamb, D. 2016. Effects of fragmentation and landscape variation on tree diversity in post-logging regrowth forests of the Southern Philippines. **Biodiversity and Conservation**, 25: 923-941.

Baynes, J., **Herbohn, J.**, Dressler, W. 2016. Power relationships: Their effect on the governance of community forestry in the Philippines. **Land Use Policy**, 54: 169-176.

- Mukul, S.A., **Herbohn, J.**, Firn, J. 2016. Tropical secondary forests regenerating after shifting cultivation in the Philippines uplands are important carbon sinks. *Scientific Reports*, 6: 22483.
- Baynes, J., **Herbohn, J.**, Smith, C., Fisher, R., Bray, D. 2015. Key factors which influence the success of community forestry in developing countries. *Global Environmental Change*, 35: 226-238.
- Le, H.D., Smith, C., **Herbohn, J.** 2015. Identifying interactions among reforestation success drivers: A case study from the Philippines. *Ecological Modelling*, 316: 62-77.
- Gregorio, N., **Herbohn, J.**, Harrison, S., Smith, C. 2015. A systems approach to improving the quality of tree seedlings for agroforestry, tree farming and reforestation in the Philippines. *Land Use Policy*, 47: 29-41
- Le, H.D., Smith, C and **Herbohn, J.L.** 2014. What drives the success of reforestation projects in tropical developing countries? The case of the Philippines. *Global Environmental Change*, 24: 334-348.
- Nguyen, H, Lamb, D., **Herbohn, J.**, Firn, J. 2014. Designing Mixed Species Tree Plantations for the Tropics: Balancing Ecological Attributes of Species with Landholder Preferences in the Philippines. *PLoS ONE*, 9: e95267.
- Mukul, S.A., **Herbohn, J.**, Rashid, A.Z.M.M., Uddin, M.B. 2014. Comparing the effectiveness of forest law enforcement and economic incentive to prevent illegal logging in Bangladesh. *International Forestry Review*, 16: 363-375.
- Herbohn, J.**, Vanclay, J., Nguyen, H., Dinh Le, H., Baynes, J. Harrison, S. R., Cedamon, E., Smith, C., Firn, J., Gregorio, N. O., and Mangaoang, E. 2014. Inventory procedures for smallholder and community woodlots in the Philippines: Methods, initial findings and insights. *Small-Scale Forestry*, 13: 79-100.
- Tran, D.B., Dargusch, P., **Herbohn, J.**, and Moss, P. 2013. Interventions to better manage the carbon stocks in Australian Melaleuca forests. *Land Use Policy*, 35: 417-420.
- Medrilzam, Dargusch, P., **Herbohn, J.**, and Smith, C. 2013. The socio-ecological drivers of forest degradation in part of the tropical peatlands of Central Kalimantan, Indonesia. *Forestry*, 87: 335-345.
- Meadows, J. Emtage, N. and **Herbohn, J.** 2013. Supporting Cooperative Forest Management Amongst Small-Acreage Lifestyle Landholders: Evidence from Case Studies in South-East Queensland, Australia. *Society and Natural Resources*, 26: 745–761
- Herbohn, K.F., **Herbohn, J.L.**, Dargusch, P. 2012. Climate Change Policy in Australia: Organisational Responses and Influences. *Australian Accounting Review*, 22: 208-222.
- Emtage, N.E. and **Herbohn, J.L.** 2012. Landholders Management Goals, Use of Information and Trust of Others in Relation to the Adoption of Recommended Management Practices on

- Rural Land in the Wet Tropics Region of Queensland, Australia. *Landscape and Urban Planning*, 107: 351-260.
- Emtage, N.E. and **Herbohn, J.L.** 2012. Assessing rural landholders diversity in the Wet Tropics region of Queensland Australia in relation to natural resource management programs: a market segmentation approach. *Agricultural Systems*, 110: 107–118.
- Ngyuen, H., **Herbohn, J.**, Firn, J., and Lamb, D. 2012. Biodiversity-production relationships in small-scale mixed-species plantations using native species in Leyte Province, Philippines. *Forest Ecology and Management*, 274: 81-90.
- Dinh Le, H., Smith, C., **Herbohn, J.**, Harrison, S. 2012. More than just trees: Assessing reforestation success in tropical developing countries. *Journal of Rural Studies*, 28: 5-19.
- Thomas, S., Dargusch, P., Harrison, S., **Herbohn, J.** 2010. Why are there so few afforestation and reforestation Clean Development Mechanism projects? *Land Use Policy*, 27: 880-887.