

## CURRICULUM VITAE

Richard Thackway, BSc, MSc

Richard is a research scientist with the University of Queensland. In late 2010 he commenced as a Visiting Fellow and then as an Adjunct Associate Professor. He worked as a research scientist with the Australian Government for much of his career. In late 2011 he resigned his position in the Australian Government, taking up a position as Adjunct Associate Professor in School of Geography, Planning and Environmental Management (GPEM), Faculty of Science. While at GPEM he developed a national system for tracking and accounting for the impacts of land use and land management on the transformation of vegetated landscapes. He is also an Adjunct Fellow, at Fenner School of Environment and Society, Australian National University, Canberra (2014-17) and an Adjunct Fellow, at School of Physical, Environmental and Mathematical Sciences (PEMS) University of New South Wales at the Australian Defence Force Academy (2015-18). His research aims to help others improve their decision-making about natural resources, by developing and implementing decision-support tools, frameworks and information systems. While in the Australian Government he led the development of major national spatial and temporal datasets including the Interim Biogeographic Regionalisation of Australia for the National Reserve System, the Interim Marine and Coastal Regionalisation of Australia for the National Representative System of Marine Protected Areas, National Vegetation Information System, Vegetation Assets, States and Transitions (VAST) and the Dynamic Land Cover Dataset. Many of these initiatives have involved collaborative partnerships and programs with state, territory and national land management and research agencies. He has extensive experience working in, and with, government policy and science agencies in Australia. Richard's current research involves assessing ecological change and trend associated with the transformation of native vegetation condition and extent caused by the effects of land management practices and associated climate patterns.



### **Personal Details**

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### **Qualifications**

1981-1984 **CENTRE FOR RESOURCE AND ENVIRONMENTAL STUDIES, AUSTRALIAN NATIONAL UNIVERSITY, CANBERRA**  
  
1982-1984 **Master of Science (Environmental Studies) by thesis.**  
Title: Environmental classification as a basis for faunal survey.  
*Awarded in 1985.*  
  
1981 **Masters of Science (Environmental Studies) Qualifier**  
*Awarded in 1981.*  
  
1978-1980 **UNIVERSITY OF CANBERRA**  
**Bachelor of Science (Resource and Ecology)**  
Majors: Natural Resource Management, Geography, Ecology, Remote Sensing, Vegetation Science.  
*Awarded in 1980.*

### **Publications**

- A list of publications and who is citing these over time is found at <http://scholar.google.com.au/citations?user=sez7nXEAAAAJ>

## ***Affiliations and Recent Employment History***

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**2012 to  
present**

- Adjunct Fellow, School of Physical, Environmental and Mathematical Sciences (PEMS) University of New South Wales at the Australian Defence Force Academy (2015-18). Research interest involves assessing the effect of defence training activities (i.e. land management practices) on indicators of vegetation condition and reporting the maintenance and transformation of the defence estate.
  - Adjunct Fellow, Fenner School of Environment and Society, Australian National University, Canberra (2014-17). Research interest involves assessing the effect of changing land use and land management practices on indicators of vegetation condition and reporting the transformation of Australia's vegetated landscapes.
  - Founding member and Secretary of *Alliance for Regenerating Landscapes and Social Health* (ARLASH) (2014- present). <http://www.arlash.com/>. This involves developing a network of practitioners involved in regenerative land management and associated social health.
  - Member, Wentworth Group, Scientific Standards and Accreditation Committee of the Regional Environmental Accounts Trial (2013-present). <http://wentworthgroup.org/programs/environmental-accounts/>. This involves evaluating Regional Environmental Accounts and provide advise and support on native vegetation condition and extent.
  - Member of the Australian Government's Carbon Farming Initiative, Rangelands Technical Working Group (2013-14). This involved developing initiatives to sequester carbon across Australia's rangelands by changing land management practices in the tropics, arid and temperate agro-climatic regions.
  - Associate Consulting Research Scientist for Niche Environment and Heritage, Sydney (2013-14). This involved providing consultancy services relating to the effects that changing land management practices have on indicators of native vegetation condition and extent.
  - Adjunct Associate Professor, School of Geography, Planning and Environmental Management, Faculty of Science, The University of Queensland, Brisbane (2012-present). Research interest involves assessing the effect of changing land use and land management practices on indicators of vegetation condition and reporting the transformation of Australia's vegetated landscapes.
  - Associate Consulting Research Scientist for Auricht Projects, Adelaide (2012-present). This involves providing consultancy services relating to the survey, classification, mapping and monitoring of vegetation-related natural resource management and resource condition.
  - Manager, VAST Transformations (2012-present). <http://www.vasttransformations.com/> Involves assessing and reporting land management systems and their effects on the transformation of Australia's vegetated landscapes using a standardised national system VAST-2.
  - Chair, NSW Office of Environment and Heritage, Vegetation Information and Mapping External Scientific Advisory Committee (2012-present). <http://www.environment.nsw.gov.au/research/> This involves developing standardised native vegetation information to improve public-private land management.
  - Consulting research scientist for Soils for Life, Outcomes Australia, Canberra (2012-14). Involves detailed consultation and liaison with land holders to evaluate and report how their innovative land management practices led to improvements in natural resource condition, social and economic outcomes. <http://www.soilsforlife.org.au/case-studies.html>
  - Member, NSW Environmental Trust, Biodiversity and Green Corridors Subcommittee (2012-present). <http://www.environment.nsw.gov.au/grants/trustreport.htm> This involves providing advice to support improved public investment in biodiversity and green corridor projects and programs.
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