

ASSOCIATE PROFESSOR PAUL BARBER

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Profile

More than 20 years experience as a scientist, with an emphasis on the diagnosis, monitoring and sustainable management of plantation, crop, native, and urban vegetation health in Australia and Asia. Founding Director of ArborCarbon, an environmental and arboricultural consultancy dedicated to providing novel and innovative solutions for the sustainable management of vegetation through strategic partnerships in the private and research sectors. Recognised as one of the leading experts in urban and plantation tree health management throughout the Asia Pacific region.

Experience – Corporate & NFP

Director, ArborCarbon Pty Ltd

2010-Present

Founding director of ArborCarbon Pty. Ltd., a company consulting to government agencies, private companies and landholders throughout Australia and Asia. Services cover many aspects of vegetation and environmental management, including but not limited to urban forestry, forest pathology, remote sensing, vegetation surveys and monitoring, data management, project management, arboriculture and risk assessment.

Non-Executive Board Member & Vice-President, Men of the Trees (MOTT) 2014-Present

Invited and elected board member of MOTT, a NFP group founded in Kenya in 1922 and active in WA since 1979. Fulfilling an advisory role for management, business operation and strategic direction. MOTT is dedicated to improving biodiversity and combating salinity and soil erosion by planting native trees and understory.

Experience – Academic

Adjunct Associate Professor, Murdoch University

Jan 2015-Present

Supervisor of PhD students in the fields of urban tree health, plantation forest health, remote sensing, soil biology and vegetation management throughout the Asia Pacific region. Strategic advice on funding and research direction of research projects in these fields.

Adjunct Senior Lecturer, Murdoch University

2010-Dec 2014

Supervisor of PhD students in the fields of forest pathology, urban mycology, soil biology and vegetation management. Partner investigator on a number of research projects investigating the causes of decline of a range of native and urban tree species.



Business Manager, WA Centre of Excellence for Climate Change, Woodland & Forest Health 2008-2010

Responsible for expanding the research capacity of the group by attracting further funds for research and building strategic relationships with collaborative partners. Also involved in research projects and consultancies either directly or via supervision of post-graduate students.

Research Associate & Project Coordinator, Murdoch University 2003-2008

Responsible for coordinating research projects investigating tuart decline to ensure maximum collaboration and integration between researchers and collaborating partners. Also responsible for conducting research into the cause(s) of the decline of tuart within south-west WA.

Research Associate & Project Coordinator, Murdoch University 2003-2008

Responsible for coordinating research projects investigating tuart decline to ensure maximum collaboration and integration between researchers and collaborating partners. Also responsible for conducting research into the cause(s) of the decline of tuart within south-west WA. Provided expertise and assistance with the following research projects: Fungal pathogens threatening the sub-tropical eucalypt plantation industry in Australia; Population genetics of fungal pathogens that threaten the biosecurity of Australia's eucalypts.

Student supervision – PhD students

- Kobus Wentzel (2010) Is tuart (*Eucalyptus gomphocephala*) decline detrimental for fauna? School of Biological Sciences & Biotechnology, Murdoch University
- Endah Yulia (2011) The decline of the red flowering gum (*Corymbia ficifolia* F. Muell. (K.D. Hill and L.A.S. Johnson) in urban environments in Western Australia. The role of fungal and oomycete pathogens. School of Biological Sciences & Biotechnology, Murdoch University
- Peter Scott (2011) The role of *Phytophthora* soilborne pathogens in *Eucalyptus gomphocephala* woodland decline. School of Biological Sciences & Biotechnology, Murdoch University.
- Katherine Taylor (2008-ongoing | maternity leave) Genetic diversity and movement of *Mycosphaerella* in plantation and native forests. School of Biological Sciences & Biotechnology, Murdoch University
- Lily Ishaq (2012) The role of mycorrhizal fungi in tuart (*Eucalyptus gomphocephala*) health. School of Biological Sciences & Biotechnology, Murdoch University.
- Mohammed Yaseen Khdiar Baidhani (2015-ongoing) *Phytophthora* species associated with declining urban trees in Australia. School of Veterinary and Life Science, Murdoch University.
- Tam Tran Thanh (2015-ongoing) *Cetocystis* wilt disease in *Acacia* plantations in Vietnam. Vietnam Academy of Forest Science, Vietnam.

Student supervision – Honours students

- Amanda Hewison (2006) The occurrence and pathogenicity of *Mycosphaerella cryptica* on tuart (*Eucalyptus gomphocephala*) in the south-west of Western Australia.



Experience – National and National Projects

Australia

2009-Present

- Expert Witness on Springwood Fires Case in the Blue Mountains, NSW
- Arboricultural advice for the Yagan Square, Perth City Link urban development
- Arboricultural advice for heritage-listed *Ficus macrophylla* in Elizabeth Quay development, Perth
- Arboricultural advice and tree risk assessment for trees posing a risk to life and property
- Development and implementation of Vegetation Monitoring Programs in mulga and riparian woodlands of the Pilbara region of Western Australia for resource companies
- Development of sustainable grounds management plans for government recreation facilities
- Advice on suitability of tree species for growing indoors in high-end shopping complexes
- Advice on the feasibility of revegetation of tailings storage facilities for resource companies
- Diagnosis and treatment of tree health disorders in natural and urban forests
- Monitoring and analysis of change in vegetation condition and cover using high-resolution satellite, fixed-wing and unmanned airborne systems (UAS) acquired hyper-spectral imagery
- Design and implementation of vegetation health management programs in golf course developments
- Design and implementation of remote sensing monitoring programs for horticultural crops in the Ord River Region, Kimberley, WA
- Design and implementation of survey programs for *Phytophthora* dieback in local government parks and natural areas
- Analysis of multi and hyper-spectral imagery for precision turf management

Vietnam

2010-Present

- Pest and disease surveys of natural and timber plantation forests in north Vietnam
- Diagnosis and treatment of tree health disorders in urban forests
- Diagnosis and health management of heritage-listed trees
- Scientific advisory role to Vietnam Association for Conservation of Nature and Environment (VACNE) for management of heritage trees
- Arboricultural advisory to VACNE for management of heritage trees

Laos

2010-Present

- Pest and disease surveys of paper pulp plantation forests and nurseries in central Laos,

Hong Kong

2010-Present

- Diagnosis and treatment of tree health disorders in urban resorts,
- Workshops on the diagnosis and management of urban tree health disorders
- Expert advice on urban tree health management to the Leisure and Cultural Services Department (LCSD) of the Hong Kong government.

Indonesia

2006

- Disease surveys of timber plantation forests in Sumatra

Borneo

2013-Present

- Advice on diagnosis, monitoring and management of diseases in plantation forests in Sabah.

USA

2015-Present

- Advice on development of a rapid airborne monitoring and detection system for management of mosquito-breeding habitats



Education

- La Trobe University, Bundoora, Victoria — PhD, 2005
- La Trobe University, Bundoora, Victoria — BSc Biological Science, 1998

Skills & Committees

- Expert assessor for the Australian Research Council (ARC) National Competitive Grants Program (NCGP)
- Official reviewer for a number of International Journals, including Remote Sensing of Environment, Mycological Research, Plant Pathology, Australasian Plant Pathology, International Journal of Remote Sensing, Remote Sensing Letters, Biological Control.
- Qualified in Quantified Tree Risk Assessment (QTRA)
- International Society of Arboriculture Tree Risk Assessment Qualified (TRAQ).
- Members of the International Society of Arboriculture Conference Program Committee
- A proven ability and desire to work well within a team. Skill developed through many years as a member, leader and coach of sporting teams and clubs
- Production of high-quality presentations, reports and publications
- Critical evaluation and analysis of scientific data and design of experimental field trials
- Field techniques in remote areas throughout Australia and Asia for collection of data in native, plantation and urban forests
- Collection, analysis and interpretation of airborne and satellite data
- Highly competent in the use of a wide range of software on both Macintosh and Windows platforms
- Laboratory skills for diagnosis of vegetation health disorders (i.e. pathology)
- Media including TV and radio interviews
- Organisation and implementation of budgets for research projects
- Successful preparation and submission of grant and tender applications
- Supervision of post-graduate research students and lecturing
- Chair and participate in committee and board meetings



Invited Speaking Engagements

- Invitations to speak at on average 5 events per years throughout Australia and overseas on topics related to sustainable tree management in urban, plantation and native forests. Please see below for a list of presentations over the five years between 2010 to 2015.

2015

- 2nd International Conference on Sustainable Agriculture and Food Security, Jatinangor, Indonesia, October 2015
- The Arboricultural Association's Annual Amenity Arboriculture Conference, Warwick UK, September 2015
- International Society of Arboriculture Conference, Orlando USA, August 2015
- Dieback Information Group, Perth Australia, August 2015
- Landscape Industry Association WA and Nursery and Garden Industry Association WA Annual Conference, August 2015
- Stirling Urban Tree Forum, Perth Australia, June 2015
- Vietnam Academy of Forest Science, Hanoi Vietnam, April 2015
- Hong Kong Greening and Flower Show, Hong Kong, April 2015
- Macau Government Tree Mangement Organisation, Macau, April 2015

2013

- WA Tree Forum, Perth Australia, May 2013
- Natural Area Management Network Forum, Perth Australia, April 2013
- 29th Australian Turfgrass Conference and Trade Exhibition, Queensland Australia, June 2013
- Vietnam Academy for Conservation of Nature and Environment, Hanoi Vietnam, April 2013

2012

- International Union of Forest Research Organisations, Yogyakarta Indonesia, October 2012
- City of Mandurah Sustainable Tree Management Workshop, Mandurah Australia, March 2012

2011

- International Society of Arboriculture Annual International Conference, Sydney Australia, July 2011
- Centre of Excellence for Climate Change, Woodland and Forest Health Symposium, Perth Australia, October 2011
- Golf Course Superintendents Association of WA Biennial Conference, Margaret River Australia, August 2011

2010

- Tree Management Institute, Perth Australia, June 2010
- International Society of Arboriculture Australian Chapter Conference, Adelaide Australia, June 2010

In 2009 a seminar on Urban Tree Management was organized at The Chinese University of Hong Kong in light of the need for international expertise following the failure of an Old and Valuable Tree in Hong Kong that caused a fatality of a school child. I was invited to speak at this event. In 2010 I organized and coordinated a workshop for the Leisure and Cultural Services Division of the Hong Kong Government on the Diagnosis and Management of Tree Diseases.



Current List of Clients

Amex Corporation, Aquinas College, Ardross Primary School, Aspect Studios Landscape Architects, Bauxite Resources Limited, Brookfield Rail, Chevron Australia, City of Belmont, City of Canning, City of Cockburn, City of Fremantle, City of Joondalup, City of Mandurah, City of Melville, City of Nedlands, City of Perth, City of Subiaco, Classic Trees, Cohen Group, Cottesloe Golf Club, DesignInc Landscape Architects, Eclipse Resources, Enviroworks, Florida Keys Mosquito Control, Global Advanced Metals, Grace Christian School, Hawaiian, Hong Kong Disneyland, Hong Kong Government, Hydrox Nominees, Joondalup Resort, Kelmscott Primary School, Murdoch University, Lake Karingup Country Club, Maddens Lawyers, Metropolitan Redevelopment Authority, Mt Lawley Golf Club, Parliament House WA, Perth Airport, PlanE Landscape Architects, Roy Hill, Quest Innovation Netherlands, Royal Fremantle Golf Club, Santanol, Shire of Esperance, Subiaco Hotel, Town of Cambridge, Town of Claremont, WA Department of Education, WA Department of Sport and Recreation, WA Department of Treasury, WA Botanic Gardens and Parks Authority, Wembley Golf Complex and the Vietnam Academy of Conservation of Nature and Environment.



Selected Publications and Metrics

- Listed in the draft list of Thomson Reuters Highly Cited Researchers in 2013, a list of the world's top 250 most prolific authors of highly cited papers in the Plant & Animal Science field. See <http://tmsnrt.rs/K6JlaE> for more information.
- Google Scholar (August 2015)
 - All: Citations 1314; h-index 19; i10-index 25. Since 2010: Citations 1016; h-index 16; i10-index 22
- Scopus (Dec 2014)
 - Citations: 793 total citations by 517 documents; h-index 14; co-authors 138
- Described 17 new fungal pathogens and endophytes on urban, plantation and native forest trees throughout the Asia-Pacific region and South America
- I have an RG Score of 30.20 on researchgate.net, higher than 87.5% of ResearchGate members (more than 7 million).
 - **Aplosporella yalgorensis** K. Taylor, Barber & T. Burgess on *Acacia cochlearis* in Australia
 - **Dothiorella moneti** K. Taylor, Barber & T.I. Burgess on *Acacia rostelifera* in Australia
 - **Dothiorella santali** K. Taylor, Barber & T.I. Burgess on *Santalum acuminatum* in Australia
 - **Fusicoccum macroclavatum** Burgess, Barber, Hardy on *Eucalyptus globulus* and *Eucalyptus saligna* in Australia
 - **Graphium jumulu** Barber & Crous on *Adansonia gregorii* in Australia
 - **Kirramyces angophorae** Andjic, Carnegie & P.A. Barber on *Angophora floribunda* in Australia
 - **Kirramyces corymbiae** Carnegie, Andjic & P.A. Barber on *Corymbia variegata*, *Corymbia maculata* and *Corymbia henryi* in Australia
 - **Kirramyces viscidus** Andjic, P.A. Barber, T.I. Burgess on *Eucalyptus grandis* and *Eucalyptus grandis* x *camaldulensis* in Australia
 - **Lasiodiplodia crassispora** Burgess, Barber on *Santalum album* and *Eucalyptus urophylla* in Australia and Venezuela
 - **Lasiodiplodia rubropurpurea** Burgess, Barber, Pegg on *Eucalyptus grandis* in Australia
 - **Lasiodiplodia venezuelensis** Burgess, Barber, Mohali on *Acacia mangium* in Venezuela
 - **Mycosphaerella obscuris** Barber & T.I. Burgess on *Eucalyptus pellita* and *Eucalyptus* sp. in Vietnam and Indonesia
 - **Mycosphaerella vietnamensis** Barber & T.I. Burgess on *Eucalyptus grandis* and *Eucalyptus camaldulensis* in Vietnam
 - **Mycosphaerelle yunnanensis** Barber, Dell & T.I. Burgess on *Eucalyptus urophylla* in China
 - **Neofusicoccum pennatisporum** K. Taylor, Barber & T.I. Burgess on *Allocasuarina fraseriana* in Australia
 - **Ophiostoma eucalyptigena** Barber & Crous on *Eucalyptus marginata* in Australia
 - **Teratosphaeria rubidae** Andjic, P.A. Barber on *Corymbia calophylla* in Australia



- More than 200 peer-reviewed journal articles, book chapters, conference papers, reports and magazine articles. Some of the topics include forest pathology, remote sensing, landscape ecology, climate science, remote sensing, arboriculture, urban forestry, soil science, microbial ecology, fungal ecology, biocontrol and biosecurity. The following is a selected list of peer-reviewed journal publications:
 - Scott, P.M., **Barber, P.A.**, Hardy, G.E.St.J. (2015) Novel phosphite and nutrient application to control *Phytophthora cinnamomi* disease. Australasian Plant Pathology DOI 10.1007/s13313-015-0365-4
 - Crous, P.W., Wingfield, M.J....**Barber, P.A.**....Groenewald, J.Z. (2015) Fungal Planet description sheets: 320-370. Persoonia 34: 167-266.
 - Yulia, E., Hardy, G., **Barber, P.**, Dell, B. (2014) A severe canker disease of *Corymbia ficifolia* caused by *Quambalaria coyrecup* in native and urban forests of Western Australia. Forest Pathology DOI: 10.1111/efp.12082
 - **Barber, P.A.** and Wilson, D. (2013) Airborne turf health monitoring. Australian Turfgrass Management Journal 15.6, 44-45.
 - **Barber, P.A.**, Paap, T., Burgess, T.I., Dunstan, W., Hardy, G.E.St.J. (2013) A diverse range of *Phytophthora* species are associated with dying urban trees in an Australian capital city. Urban Forestry & Urban Greening 12: 569-575.
 - Evans, B., Stone, C., **Barber, P.** (2013) Linking a decade of forest decline in the southwest of Western Australia to bioclimatic change. Australian Forestry DOI: 10.1080/00049158.2013.844055
 - Scott, P.M., Dell, B., Shearer, B.L, **Barber, P.A.** Hardy, G.E.St.J. (2013) Phosphite and nutrient applications as explorative tools to identify possible factors associated with *Eucalyptus gomphocephala* decline in southwestern Australia. Australasian Plant Pathology DOI 10.1007/s13313-013-0243-x
 - Ishaq, L., **Barber, P.A.**, Hardy, G.E.St.J., Calver, M., Dell, B. (2013) Seedling mycorrhizal type and soil chemistry are related to canopy condition of *Eucalyptus gomphocephala*. Mycorrhizae 10.1007/s00572-012-0476-5.
 - **Barber, P.A.** (2013) Restoring the canopy health of declining native trees. Western Wildlife 17: 8-10.
 - Evans, B., Lyons, T., **Barber, P.**, Stone, C., Hardy, G. (2012) Enhancing a eucalypt crown condition indicator driven by high spatial and spectral resolution remote sensing imagery. Journal of Applied Remote Sensing 6: 1-15.
 - Evans, B., Lyons, T.J., **Barber, P.A.**, Stone, C., Hardy, G. (2012) Dieback classification modeling using high resolution digital multi spectral imagery and in situ assessments of crown condition. Remote Sensing Letters 3: 541-550.
 - **Barber, P.A.** and Hardy, G.E.St.J. (2012) Restoring the canopy health of native urban bushland and parkland trees. Australasian Plant Conservation 21: 23-24.
 - Scott P.M., Shearer, B.L., **Barber, P.A.** and Hardy, G.E.St.J. (2012) Relationship between the crown health, fine root and ectomycorrhizae density of declining *Eucalyptus gomphocephala*. Australasian Plant Pathology DOI 10.1007/s13313-012-0152-4.
 - Taylor, K., Andjic, V, **Barber, P.A.**, Hardy, G.E.St.J., Burgess, T.I. (2011) New species of *Teratosphaeria* associated with leaf diseases on *Corymbia calophylla* (marri). Mycological Progress 11: 159-169.
 - Scott, P.M., Jung, T., Shearer, B.L., **Barber, P.A.**, Calver, M.C., Hardy, G.E.St.J. (2011)



- Pathogenicity of *Phytophthora multivora* to *Eucalyptus gomphocephala* and *E. marginata*. Forest Pathology doi: 10.1111/j.1439-0329.2011.00753.x
- **Barber, P.A.**, Crous, P.W., Groenewald, J.Z., Pascoe, I.G., Keane, P. (2011) Reassessing *Vermisporium* (Amphisphaeriaceae), a genus of foliar pathogens of eucalypts. *Persoonia* 27: 90-118.
 - Andjic, V., Dell, B., **Barber, P.**, Hardy, G., Wingfield, M., Burgess, T. (2011) Plants for planting: Indirect evidence for the movement of a serious forest pathogen, *Teratosphaeria destructans*, in Asia. *European Journal of Plant Pathology* 131: 49-58.
 - Ruthrof, K.X., Douglas, T.K., Calver, M.C., **Barber, P.A.**, Dell, B., Hardy, G.E.StJ. (2010) Restoration treatments improve seedling establishment in a degraded Mediterranean-type *Eucalyptus* ecosystem. *Australian Journal of Botany* 58: 646-655.
 - Cai, Y., **Barber, P.A.**, Dell, B.D., O'Brien, P., Williams, N., Bowen, B., Hardy, G.E.StJ. (2010) Soil bacterial functional diversity is associated with the decline of *Eucalyptus gomphocephala*. *Forest Ecology and Management* 260: 1047-1057.
 - Brouwers, N., Lyons, T., Hardy, G., Veneklaas, E., Renton, M., **Barber, P.**, Stone, C., Behn, G., Dell, B., Evans, B. (2010) Determining the impacts of climate change on iconic trees, woodlands and forest ecosystems in Western Australia. *Forests for the Future: Sustaining Society and the Environment*, XXIII IUFRO World Congress. Seoul, Republic of South Korea. Eds: J. Parrotta & M. Carr.
 - Taylor, K., **Barber, P.A.**, Hardy, G.E.StJ., Burgess, T.I. (2009) *Botryosphaeriaceae* from tuart (*Eucalyptus gomphocephala*) woodland, including descriptions of four new species. *Mycological Research* 113: 337-353.
 - Scott, P.M., Burgess, T.I., **Barber, P.A.**, Shearer, B.L., Stukely, M.J.C., Hardy, G.E.StJ., Jung, T. (2009) *Phytophthora multivora* sp. nov., a new species recovered from declining *Eucalyptus*, *Banksia*, *Agonis* and other plant species in Western Australia. *Persoonia* 22: 1-13.
 - Crous, P.W., Summerell, B.A., Carnegie, A.J., Hunter, G.C., Burgess, T.I., Andjic, V., **Barber, P.A.**, Groenewald, J.Z. (2009) Unravelling *Mycosphaerella*: do you believe in genera? *Persoonia* 23: 99-118.
 - **Barber, P.A.**, (2009) Tree health management on golf courses. *Australian Turfgrass Management Journal* 11.5: 44-45.
 - Adair, R.J., Burgess, T., Serdani, M., **Barber, P.** (2009) Fungal associations in *Asphondylia* (Diptera: Cecidomyiidae) galls from Australia and South Africa: implications for biological control of invasive acacias. *Fungal Ecology* 2: 121-134.
 - Pavlic, D., Wingfield, M.J., **Barber, P.**, Slippers, B., Hardy, G.E.StJ., Burgess, T.I. (2008) Seven new species of the Botryosphaeriaceae from baobab and other native trees in Western Australia. *Mycologia* 100: 851-866.
 - **Barber, P.A.**, Carnegie, A.J., Burgess, T.I., Keane, P.J. (2008) Leaf diseases caused by *Mycosphaerella* species in *Eucalyptus globulus* plantations and nearby native forest in the Green Triangle Region of southern Australia. *Australasian Plant Pathology* 37: 472-481.
 - Burgess, T.I., **Barber, P.A.**, Sufaati, S., Xu, D., Hardy, G.E.StJ., Dell, B. (2007) *Mycosphaerella* spp. on *Eucalyptus* in Asia; new species, new hosts and new records. *Fungal Diversity* 24: 135-157.
 - **Barber, P.A.**, Keane, P.J. (2007) A novel method of illustrating microfungi. *Fungal Diversity* 27: 1-10.
 - Andjic, V., **Barber, P.A.**, Carnegie, A.J., Pegg, G.S., Hardy, G.E.StJ., Wingfield, M.J.,



- Burgess, T.I. (2007) *Kirramyces viscidus* sp. nov., a new eucalypt pathogen from tropical Australia closely related to the serious leaf pathogen, *Kirramyces destructans*. Australasian Plant Pathology.
- Andjic, V., **Barber, P.A.**, Carnegie, A.J., Hardy, G.StJ., Wingfield, M.J., Burgess, T.I. (2007) Phylogenetic reassessment supports accommodation of *Phaeophleospora* and *Colletogloeopsis* from eucalypts in *Kirramyces*. Mycological Research 111: 1184-1198.
 - Crous, P.W., Slippers, B., Wingfield, M.J., Rheeder, J., Marasas, W.F.O., Philips, A.J.L., Burgess, T., **Barber, P.A.**, Groenewald, J.Z. (2006) Phylogenetic lineages in the *Botryosphaeriaceae*. Studies in Mycology 55: 235-253.
 - Burgess, T.I., **Barber, P.A.**, Mohali, S., Pegg, G., de Beer, W., Wingfield, M.J. (2006) Three new *Lasiodiplodia* spp. from the tropics, recognized based on DNA sequence comparisons and morphology. Mycologia 98: 424-436.
 - Whyte, G., Burgess, T.I., **Barber, P.A.**, Hardy, G.E.StJ., (2005) First record of *Mycosphaerella heimii* in Australia. Australasian Plant Pathology 34: 605-606.
 - Burgess, T.I., **Barber, P.A.**, Hardy, G.E.StJ. (2005) *Botryosphaeria* spp. associated with eucalypts in Western Australia, including the description of *Fusicoccum macroclavatum* sp. nov. Australasian Plant Pathology 34: 557-567.
 - **Barber, P.A.**, Kularatne, H.A.G.C., Keane, P.J. (2005) First record of *Mycosphaerella tasmaniensis* on mainland Australia. Australasian Plant Pathology 34: 121-122.
 - **Barber, P.A.**, Burgess, T.I., Hardy, G.E.StJ., Slippers, B., Keane, P.J., Wingfield, M.J. (2005) *Botryosphaeria* species from *Eucalyptus* in Australia are pleoanamorphic, producing *Dichomera* synanamorphs in culture. Mycological Research 109: 1347-1363.
 - Kularatne, H.A.G.C., Lawrie, A.C., **Barber, P.A.**, Keane, P.J. (2004) A specific primer PCR and RFLP assay for rapid detection and differentiation *in planta* of some *Mycosphaerella* species associated with foliar diseases of *Eucalyptus globulus*. Mycological Research 12: 1476-1493.
 - **Barber, P.A.** (2004) Forest Pathology: The threat of disease to plantation forests in Indonesia. Plant Pathology Journal 3: 97-104.
 - **Barber, P.A.**, Smith, I.W., Keane, P.J. (2003) Foliar diseases of *Eucalyptus* spp. grown for ornamental cut foliage. Australasian Plant Pathology 32: 109-111.