

Philip D. Adams

Curriculum Vitae

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Personal

Date of birth 8 September 1958

Summary

Appointed in July 2004, Philip is Director and Professor at the Centre of Policy Studies (CoPS), Monash University. He is also past Australian coordinator for the Economic Outlook taskforce of the Pacific Economic Co-operation group. Prior to his current position, Philip was Senior Research Fellow and then Director of Consulting at CoPS, having previously worked at the Bureau of Agricultural Economics (now the Australian Bureau of Agricultural and Resource Economics) and at the Institute of Applied Economic and Social Research. He holds a Masters Degree and a Ph.D., both in economics, from the University of Melbourne.

Philip's main area of expertise is the application of large multi-sectoral and multi-regional economic models for policy analysis and forecasting. Since completing his Ph.D., he has been involved in the implementation of several large models of the Australian economy: a short-run macro model; the Australia-wide MONASH model; and the MMRF dynamic model of Australia's eight states and Territories. Philip has also been active in developing models overseas, including in Denmark, South Africa and Thailand.

Philip has about 55 refereed publications covering topics such as: the prospects for industries, states and regions; the economic effects of import tariffs; the contribution of international tourism; the benefits and costs of major export projects; and the impacts of greenhouse-response policies for Australian regions. His articles have been published in a wide range of journals, including: the Journal of Policy Modelling, the International Journal of Forecasting, the Pacific Economic Review, the World Economy, Applied Economics, Economic Letters, Economic Studies Quarterly, the Asia-Pacific Economic Review and the Economic Record.

Other than administrative responsibilities, Philip's primary responsibility at CoPS is contract research. He has worked for a wide range of clients, including overseas institutions (e.g., the Danish Institute of Food Economics, the South African Department of Agriculture, and the Carnegie Foundation), Australian government departments (e.g., the Department of Climate Change (DCC), the Productivity Commission and most state government Treasuries), and private institutions (e.g., Insight Economics, the Allen Consulting group, CRA International, BHP Billiton, Acil-Tasman and PricewaterhouseCoopers).

Philip's recent work has focussed on greenhouse issues. Between 2004 and 2010 he has contributed to a wide range of greenhouse-policy discussions in Australia and overseas. Recently, he has completed projects for the Garnaut Climate Change Review and the Federal Treasury, assisting them in model development and model-applications to issues associated with climate change, adaptation, and abatement through emissions trading. His October-2007 report for the Climate Institute on the economic implications of forcing large cuts in greenhouse emissions in Australia was reported widely in the Australian Press. Philip also delivered one of the key invited lectures (November 2008) of Monash's 50th Anniversary Public Lecture Series, focussing on the insurance-aspects of an emissions trading scheme.

Education and qualifications

- 1989 Ph.D., Department of Economics, University of Melbourne.
1986 M.Com, University of Melbourne.
1980 B.Ec (Hons), Monash University.

Career to date

- 2004- Research Professor (level E) at the Centre of Policy Studies (CoPS), Monash University.
- 1995-2004 Senior Research Fellow (level D, equivalent to Associate Professor) at CoPS.
- 1991-1994 Senior Research Fellow (level C, equivalent to Senior Lecturer) at CoPS.
- 1989-1990 Senior Research Fellow (level C, equivalent to Senior Lecturer) at Institute of Applied Economic and Social Research, University of Melbourne (now the Melbourne Institute).
- 1980-1989 Research Officer (Assistant, Senior, Principal) at the Bureau of Agricultural Economics (now the Australian Bureau of Agricultural and Resource Economics), Canberra. On assignment to the IMPACT Project from 1985 to 1989.

Major leadership positions

- 2004- Director, Centre of Policy Studies (CoPS), Monash University
- 2001-2004 Director, Consulting, CoPS.
- 1990- Pacific Economic Outlook taskforce coordinator, AUSPECC.
- 1989-1995 Australian editor for *Economic Forecasts: A World-wide Survey* (North Holland).

Membership of associations

- Australian Economic Society.
- Australian Agricultural and Resource Economics Society.
- International Society of Forecasters.
- Regional Science Association International, Australia and New Zealand Section.

Research and scholarship

- Has authored over 120 papers since 1986. About 55 have appeared as refereed publications.
- Research has been of considerable media interest, with radio interviews on: ABC Rural (1993, 1994, 1995, 1996, 2002, 2006, 2007); and ABC Melbourne, Adelaide Perth and Hobart (1994, 1995, 1996, 1998, 2002, 2008). He appeared on the ABC's *7.30 Report* (4/6/2007). Articles referring to research and commercial work have appeared in the following newspapers: the Melbourne Age, the Australian, the Sydney Morning Herald, the Australian Financial Review, the West Australian and the Adelaide Advertiser. Some very recent examples can be viewed at <http://www.monash.edu.au/policy/carboncuts.htm>.
- Has refereed articles for a wide range of international and domestic journals, including: Energy Economics, the Energy Journal, Applied Economics, the American Journal of Agricultural Economics, the Pacific Economic Review, the Australian Journal of Agricultural and Resource Economics, Economic Record, Australian Economic Papers, the Australian Economic Review, and the Review of Marketing and Agricultural Economics.
- Currently supervises no Ph.D. students. Previous students include the following Ph.D. and M.Com students, all of whom have successfully completed their studies:
 - Nicholas Peter (Masters, minor project, 1997, awarded) *Determinants of inter-regional migration flows*.

- Samuel Otim (joint with Brian Parmenter) (Ph.D., thesis, 1999, awarded) *Inventories and Economic Fluctuations: A Computable General Equilibrium Analysis of the Australian Economy*.
- Sharn Enzinger (Ph.D., thesis, 2001, awarded) *Impacts of Carbon abatement policies on Regional Victoria*.
- Paresh Nayan (joint with Peter Dixon and Fashid Vasid) (Ph.D., thesis, 2003, awarded) *Tourism Impacts in Fiji*.
- Amale Scally (joint with the Department of Accounting and Finance) (Ph.D., thesis, 2005, awarded) *An Examination Of The Impact Of Regional Integration on FDI: The Case of AFTA*.
- Jeremy Rothfield (Ph.D., thesis 2008, awarded) *An Economic Analysis of Placing Electricity Cables Underground*.
- Sothea Oum (Ph.D., thesis 2009, awarded) *Poverty Issues in Cambodia: a CGE Analysis*.
- Has been invited to give the following outside presentations (since 1997):
 - “Effects of the CPRS” presentation to officials from the National Australia Bank, Melbourne, April 2010.
 - “Further Insights into CGE Analysis of Water and other Environmental Issues”, presentation to the Second International Symposium on Integrated Catchment Management in response to Climate Change meeting, Melbourne, September 2009.
 - “Prospect for Renewables to replace Nuclear in Electricity Generation in Taiwan”, presentation to the Taiwan Institute of Economic Research, Taipei, August 2009.
 - “CGE Analysis of Water and other Environmental Issues”, presentation to the International Symposium on Integrated Catchment Management in response to Climate Change meeting, Hanoi Vietnam, July 2009.
 - “Quantitative analysis in assessing the economy-wide effects of industry adjustment to policy reform”, paper presented to the course, Policy Reform and Structural Adjustment in Agriculture, held between 8 and 14 December 2008 and organised partly by the APEC Study Centre.
 - “Insurance against catastrophic climate change: How much will an Emissions Trading Scheme cost Australia?” for Monash's 50th Anniversary Public Lecture Series, 27 November 2008.
 - “Economic impacts of Integrated Gasification Combined Cycle generation technology for the Taiwan economy”, presentation to the Taiwan Institute of Economic Research, Taipei, July 2008.
 - “China and beyond – Australia's position in rapidly growing Asia”, presentation to the Asia-Pacific Business Economics study group within the Griffith Asia Institute (GAI) at Griffith University, May 2008.
 - “Briefings to various senior managers of Victorian government departments regarding possible climate change policies”, Melbourne over a number of weeks in December 2007 organised by Katrina Herman.
 - “An economic perspective on climate change”, presentation to the Monash Forum on Sustainability, Caulfield, 5 October 2007.
 - “Climate change – policy implications”, presentation to the Fabian Society forum on Greenhouse issues, 21 July 2007.
 - “Impacts of Climate Change on the Australian Economy, with special emphasis on the tourism industry”, presentation to the Tourism CRC, Melbourne, 6 July 2007.
 - “Use of Economic Modelling in policy development in Australia”, presentation to a Chinese delegation from the Development Research Centre, Melbourne, April 2007.
 - “The economic impacts of an Emissions Trading Scheme for Australia”, presentations to two Melbourne Institute public forums – Melbourne (19 April 2007) and Canberra (17 April 2007).
 - “Fuel cells for transport – economic modelling for Taiwan”, presentation to the Taiwan Institute of Economic Research, Taipei, January 2007.
 - “The role of quantitative analysis in assessing the economy-wide effects of industry adjustment to policy reform”, paper presented to the course, Policy Reform and Structural Adjustment in Agriculture - Economic change in the Sugar Industry, held between 24 October and 3 November 2006 and organised by the APEC Study Centre.
 - “The Australian economy in 2006 and 2007”, paper presented to the Forecasting Committee of the Pacific Economic Co-operation Council, Osaka, March 2006.

- "Linking models: Experience from the IMPACT Project and CoPS" to a workshop held at the Melbourne Institute on Monday 9 May. The workshop's theme was "The next generation: Building a bridge between microsimulation, life-cycle, and macroeconomic models", May 2005.
- "Energy and the macro-economy", presentation to the Golden Key Association of students at Monash University, April 2005.
- "The Australian economy in 2005 and 2006", paper presented to the Forecasting Committee of the Pacific Economic Co-operation Council, Osaka, March 2005.
- "Situation and Prospects for the Australian economy", paper presented to the Forecasting Committee of the Pacific Economic Co-operation Council, Vancouver, December 2004.
- "The year ahead", invited paper to the 2004 Australian Agri-Food Forum, Grand Hyatt, Melbourne, 29 October 2004.
- "The role of quantitative analysis in assessing the economy-wide effects of industry adjustment to policy reform", paper presented to the APEC Study Centre's training course, "Managing structural adjustment from trade reform", Saville on Russell, Melbourne, 11-19 November 2004.
- "Forecasting with CGE models", keynote presentation to the First International Macroeconomic Forecasters Conference hosted by the Thailand Office of the National Economic and Social Development Board, Bangkok, 26 August 2004.
- "Current economic conditions", paper presented to the Forecasting Committee of the Pacific Economic Co-operation Council, San Francisco, December 2003.
- "Water issues and the Monash Model", paper presented to the Urban Water Issues Conference, Melbourne, 30 October 2003.
- "Medium term prospects for Australian regions", paper presented to the "City and the Bush Conference", Melbourne, 1 August 2003.
- "Energy and the Australian Economy", paper presented to the Energy Focus National Conference, Sydney, 3-4 April 2003.
- "Australia in 2003 and 2004", paper presented to the Forecasting Committee of the Pacific Economic Co-operation Council, Osaka Japan, March 2003.
- "Regional Prospects and Impacts of the drought", presented to the ABARE Outlook Conference, 4-5 March 2003.
- "Modelling developments at the Centre of Policy Studies", presented to the Victorian Department of Primary Industries, 26 February 2003.
- "Regional prospects for Australia", presented to the ABARE Regional Outlook Conference in Alice Springs, NT, 5 December 2002.
- "Regional implications of early-2002 Kyoto compliance", presentation to the Australian Greenhouse Office, 10 October 2002.
- "Regional prospects for the Goldfields-Esperance region", presented to the ABARE Regional Outlook Conference in Kalgoorlie, Western Australia, 2 October 2002.
- "Prospects for regions", presented to the ANZRASI workshop on regional development, Hamilton Victoria, 9 August 2002.
- "Top-down and Bottom-up Modelling Perspectives: CoPS experience", presented to the ABARE international seminar – Top-down and Bottom-up modelling perspectives, The Boat House by the Lake, Canberra, 28 May 2002.
- "Commentary", presented at a conference organised by the CRC for sustainable tourism, Sydney, April 2002.
- "Australia in 2002 and 2003", paper presented to the Forecasting Committee of the Pacific Economic Co-operation Council, Osaka Japan, March 2002.
- "GE Modelling and tourism", presented at a conference organised by the CRC for sustainable tourism, Sydney, April 2001.
- "Australia in 2001 and 2002", paper presented to the Forecasting Committee of the Pacific Economic Co-operation Council, Osaka Japan, March 2001.
- "Good modelling of Greenhouse Issues" presentation to a roundtable discussion of modelling greenhouse issues, hosted by Productivity Commission, Canberra, December 2000.

- "Outlook for Australian Regions", plenary session at the 24th Australian and New Zealand meeting of the Regional Science Association International, Hobart, December 2000.
- "Prospects and policy dilemmas for the Chinese economy", presentation to participants at the APEC 2001 program, organised by the RMIT APEC Studies Centre, March and July 2000.
- "Prospects for Australia", paper presented to Forecasters meeting of the Pacific Economic Co-operation Conference, Osaka, Japan, March 2000.
- "Australia in 1999 and 2000", paper presented to the Standing Committee of the Pacific Economic Co-operation Council, Canberra, April 1999.
- "Short-term Economic Prospects for the Australian Economy", paper presented to Forecasters meeting of the Pacific Economic Co-operation Conference, Osaka, Japan, March 1999.
- "Australia and the Asia Crisis", paper presented to the AARES Symposium on the Australian Agricultural and Resource Economy and the Asian Crisis, Sydney, November 1998.
- "CGE Analysis of the Effects on Australia of the Asia Crisis", paper presented at *Crisis in Asia - Impact on Australia*, organised by the Economic Modelling Bureau of Australia (EMBA), Canberra, August 1998.
- "Business Conditions in 1998-99 and Beyond: The Budget and Other Factors", presentation to *Briefing on the 1998-99 Budget*, organised by Department of Business Administration, Monash University, Frankston, May 1998.
- "Short-term Economic Prospects for the Australian Economy", paper presented to Forecasters meeting of the Pacific Economic Co-operation Conference, Osaka, Japan, March 1998.
- "The Effects of Economic Upheaval in Asia", paper presented to clients of Arthur Andersen in Melbourne, February 1998.
- "APEC Trade Liberalisation and its Effects on the Chinese Economy", paper presented to Asian Liberalisation Conference, School of Australian and International Studies, Deakin University, December 1997.

Teaching

Subjects taught:

1991, 1992	Microeconomics for managers (MBA course), <i>taught jointly with Professors Peter Dixon and Brian Parmenter at Monash University.</i>
1992, 1993	Intermediate microeconomics (2nd year undergraduate), <i>taught jointly with Professors Dixon and Parmenter at Monash University.</i>
1994-2000	Applied general equilibrium economics (3rd year undergraduate) <i>taught jointly with Professor Dixon at Monash University.</i>
1995, 1996	Economics and commerce issue seminar (4th year honours) <i>taught jointly with Professor Parmenter at Monash University.</i>
2003	Economic modelling for agricultural analysis (Masters course, University of Pretoria).
2004	Economic modelling for agricultural analysis (Masters Course, University of Western Cape, South Africa), <i>taught jointly with Mark Horridge.</i>
2005	Economic modelling for agricultural analysis (Masters Course, University of Western Cape, South Africa), <i>taught jointly with Mark Horridge.</i>
2007	Trade modelling using CGE models (University of Pretoria, hosted by the AFRINEM (African Institute for Economic Modelling).
2010	Three lectures on CGE modelling and Greenhouse Issues (Carbon Pricing Unit, AFF9012, Monash)

Awards and Grants

- *Sustaining Regions Award*, presented for the paper judged to be the best contribution in 2002 to the ANZRSI's journal *Sustaining Regions* (2002).

Contract Research

Has had primary responsibility for many contract projects, including:

- (during 2009) Projects for McLennan Magasanik and Associates, Ernst and Young, Allen Consulting, Marsden Jacobs, Deloitte, URS Australia, the World Bank, CRC for sustainable Tourism, National Australia Bank, Climate Institute, Frontier Economics, State governments of Victoria, WA and QLD, Department of Agriculture, Fishing and Forestry, Department of Climate Change and Pricewaterhouse.
- "Costs and Benefits of water infrastructure construction" (Marsden Jacobs) (January-March 2009)
- "The Australian gaming industry – Economic aspects" (Allen Consulting Group) (January-February 2009)
- "Costs and benefits of the Transurban road system in Melbourne and Country Victoria" (Ernst and Young) (December 2008-February 2009)
- "State action on Climate Change for the NSW Treasury" (Frontier Economics) (October 2008 – February 2009)
- "Potential economic impacts of a new LNG plant for QLD (URS corporation) (October 2008-January 2009)
- "Implications of a Collapse in Investment spending" (Allen Consulting) (December 2008)
- "NT Mining Development and its implications for the State Economies (Deloitte) (October 2008-January 2009)
- "Reforms of urban water pricing" (Victorian Department of Infrastructure) (October 2008-December 2008)
- "Adaptation greenhouse policies for South Africa (South African Treasury and Pretoria University) (August 2008-September 2008)
- Costs and Benefits of various mining projects (Insight Economics) (March-July 2008)
- Impacts of the Melbourne F1 Grand Prix on Victoria and Australia (Ernst and Young) (February, March 2008)
- "Costs and benefits of the Transurban road system in Sydney (Ernst and Young) (January 2008 – March 2008)
- "Development of the MMRF model for climate change policy analysis" (Federal Treasury) (November 2007 – October 2008).
- "NETT3 – Emissions trading scheme analysis" (NETT secretariat) (August 2007 -)
- "Garnaut Review modelling" (Garnaut Review) (October 2007 – August 2008)
- "Efficiency improvements in the construction sector" (Allen Consulting Group) (June 2007)
- "Efficiency improvements in the grocery retail sector" (Allen Consulting Group) (June 2007).
- "Economic impacts of an emissions trading scheme (Climate Institute) (August 2007 to November 2007).
- "Stationary Energy Projections, 2007" (Australian Greenhouse Office) (March 2007 to July 2007).
- "Economic benefits and costs of renewable generation" (Renewable Generators Association through MMA) (May 2007).
- "Effects of improved port facilities" (Allen Consulting) (May 2007 to July 2007).
- "Roofing insulation – the economic effects" (Insight Economics) (March 2007).
- "Modelling the impacts of autonomous energy efficiency improvements in the construction sector" (Centre of International Economics) (March 2007 to June 2007).
- "Pricing of electricity in Tasmania" (Hydro Tasmania) (May 2007).
- "New defence ship building program for Australia" (Insight Economics) (March 2007).
- "Constructing parts for the JSF plane in Victoria" (Insight Economics) (March 2007).

- “The impacts of an Australia-Chile FTA for the Australian mining industry” (Allen consulting) (January 2007 to April 2007).
- Increased productivity via increased R and D in the Victorian brown coal industry” (Insight economics) (February 2007).
- “Economic impacts of the Melbourne Desalination proposal” (Department of Sustainability and Environment) (February 2007- June 2007).
- “Increased Federal funding for new roads in Victoria (Victorian Department of Infrastructure) (February 2007 to May 2007).
- “Impact of the QLD CIF” (Allen Consulting) (December 2006).
- Preparation of a new version of the MMRF model (with Glyn Wittwer and Mark Horridge) (Productivity Commission) (January 2006-December 2006).
- Economic impacts of a high gas price for WA” (Insight Economics) (November 2006).
- “Economic Impacts of the Browse LNG Development” (Insight Economics) (September 2006 to November 2006).
- “Impacts of the Olympic Dam Development in SA” (Insight Economics) (June 2006 to November 2006).
- “Economic Impacts of the Pluto LNG Development in WA” (Insight Economics) (June 2006 to November 2006).
- “Impact of a New Coal Export Terminal at Koorgang Island in NSW” (Allen Consulting Group) (August 2006-September 2006).
- “Economic Impacts of the Victorian Grand Prix in 2005” (Allen Consulting Group) (June 2006 to September 2006).
- “Economic Impacts of Increased Agricultural and Forestry Output due to the CRC for Dryland Salinity” (University of Western Australia) (August 2006).
- “Economic Impacts of the Easter Water Recycling Project for Victoria” (PriceWaterhouseCoopers) (March 2006 to July 2006).
- “Economic Impacts of the Chalco Proposal for a new QLD Bauxite Mine and Alumina Refinery” (Office of the Coordinator-General, QLD) (September 2006).
- “Economic Impacts of Greenhouse Issues for the Victorian Government” (MMA) (May to August 2006).
- “Modelling and Review Associated with a Study on New air cargo Security Procedures (Bureau of Transport Economics) (June 2006).
- Economic Impacts of R and D (Allen Consulting Group) (March 2006 to June 2006).
- “Evaluation of Demand and Supply Elasticities for Various Vitamin Related Products “ (Frontier Economics) (June 2006).
- “Greenhouse Options for the Victorian Economy” (Victorian Department of Treasury and Finance and McLennan, Magasanik and Associates) (January 2006-February 2006).
- “Changes in the Composition of Motor Vehicle Manufacturing (private sector client and the Allen Consulting Group) (December 2005-January 2006).
- “Impact of the Victorian Racing Industry and implications of changes in government support” (IEA) (January 2006-February 2006).
- “Greenhouse Options for the Tasmanian Economy” (Allen Consulting Group) (December 2005-January 2006)
- “Economic Impacts of Reduced Use of Plastic Bags in Retailing” (Allen Consulting Group) (November 2005).
- “Economic Contribution of the Victorian Spring Racing Carnival” (IEA) (December 2005-January 2006).
- “Contribution of the Spring Racing Carnival to the Victorian Economy” (IEA) (December 2005-January 2006).

- “Revised Estimates of the Impacts of a new pulp paper mill for Tasmania” (Tasmanian Treasury and Allen Consulting) (December 2005-January 2006).
- “Impacts of the new Iluka Mineral Sands project in SA” (Allen Consulting Group) (November 2005).
- “Effects of expanding Victoria’s Forestry Sector” (Allen Consulting Group) (November, December 2005).
- “Review of Economic modelling of Climate Change Policies in the UK (OXERA consulting group, London) (October 2005).
- “Economic impacts of Proposed Spending on Victoria’s Suburban Rail Network (Allen Consulting Group) (October 2005).
- “Improved Energy and Greenhouse Gas Modelling” (MMA) (August 2005 – September 2005).
- “Advice on Regional Modelling” (Victoria Department of Treasury) (October 2005-).
- “Trade Liberalisation Scenarios for wool under an Australia-China FTA” with Yin Hua Mai (ITS Global) (July 2005).
- “Options for the Renewable Energy Strategy of Victoria” (Sustainable Energy Authority of Victoria) (September 2005).
- “Policies to Slash Greenhouse Gas Emissions by 2050” (Australian Conservation Foundation and the Allen Consulting Group) (August 2005).
- “Analysis of the SACU/India Free Trade Agreement” with Mark Horridge (South African Department of Agriculture) (April 2005- May 2005).
- “Economic impacts of a large Defence Shipbuilding Project” (Acil Tasman) (January-March, 2005).
- “Alternative allocation methods for Logs in Victoria” (PWC for VicForests) (December 2004).
- “Economic impacts of a new pulp mill for Tasmania” (Tasmanian department of Treasury) (October 2004).
- “Energy for minerals development in the South West Region of WA: Economic modelling of alternative scenarios” (Sleeman consulting for the WA department of Industry and Resources) (September 2004).
- “Economic impacts of alternative development proposals for the Argyle diamond mine” (Allen consulting for the Argyle operators) (July 2004).
- “Impacts of a new accreditation scheme for builders in Victoria” (Allen consulting) (June 2004).
- “Modelling for Victorian Greenhouse Challenge for energy” (Victorian government taskforce on energy with Allen Consulting) (June 2004).
- “Projections of Stationary energy use and greenhouse emissions” (AGO) (June 2004).
- “Development options for Black Tip gas, WA” (Acil Tasman) (March 2004).
- “Impacts of an expansion to the Alcan smelter at Gove, NT” (Acil Tasman) (March 2004).
- “Training in the use of GTAP for global policy analysis” (funded by AusAid, training in South Africa) (March 2004).
- “Evaluation of the proposed NEET scheme” (Allen Consulting for SEAV) (October 2003).
- “Impacts of the proposed US/AUS free trade agreement for Australia, with special emphasis on the Victorian economy” (Department of Premier and Cabinet, Victoria) (October and November 2003).
- “Counterfeiting and piracy: Their impacts on the Australian economy” (Allen Consulting) (October 2003).
- “Impacts of the proposed US/AUS free trade agreement for Australia, with special emphasis on the South Australian economy” (Allen Consulting for the South Australian government) (September 2003).
- “Potential benefits of a plan to revitalise the NSW racing industry” (Allen Consulting) (September 2003).
- “Long-term economic futures for the Victorian economy” (Victorian Department of Treasury and Finance) (September 2003).

- “Impacts of a new airframe production plant” (Allen consulting) (September 2003).
- “Impacts of defence base closures” (Australian Defence Force) (September 2003).
- “The economic contribution of Monash University” (Monash University) (August 2003).
- “Future coal and gas scenarios for electricity generation” (MMA for the AGO) (August 2003).
- “Impacts of an expansion to the Victorian convention centre” (PricewaterhouseCoopers) (July 2003).
- “Impacts of a free trade agreement between the USA and SACU (South African Department of Agriculture) (May-June 2003), jointly with Mark Horridge.
- “Policies for attaining Kyoto commitment” (AGO) (April-June 2003).
- “Costs and benefits of changes to the MRET” (MMA for the AGO) (April 2003).
- “AusLink – advisory work for the Bureau of Transport Economics” (BTE) (March, April 2003).
- “Increased efficiencies in stationary energy processes” (Sustainable Energy Authority of Victoria - SEVA) (2003).
- “Impacts of a shift to Eco-efficient sugar cane farming in Queensland” (QLD Department of Primary Industries) (2003).
- “Impacts of the Australian Rally on the WA economy” (Allen Consulting for the WA state Treasury) (December 2002 to January 2003).
- Training course in the use of the MMRF-Green model (WA Department of Mineral and Petroleum resources, and the Department of Treasury) (25-29 November 2002).
- “Kyoto Compliance and its impacts on NSW” (Allen Consulting for the NSW Government’s review of environmental policies) (2002).
- “Impacts of policy options relating to emissions abatement in the stationary energy sector”, (Allen Consulting for the COAG energy market review) (2002).
- The economic benefits of capacity expansions in alumina smelting and aluminium refining (ACIL) (2002)
- The impacts of the international vitamin cartel (Frontier Economics and Maurice, Blackburn, Cashman) (2002-)
- Options relating to renewable electricity generation (Victorian Department of Premier and Cabinet) (2002)
- Sustainable energy options (Sustainable Energy Development Authority – SEDA, NSW) (2002)
- Impacts of electricity reform on the WA economy (WA Department of Treasury) (2002)
- Improvements in Melbourne Port Efficiency (Victorian Department of Infrastructure) (2002)
- The impacts of an increase in insurance premiums (Victorian Department of Treasury) (2002)
- Modelling the effects of changes in the electricity industry (Productivity Commission) (2002)
- The costs and benefits of new gas pipeline alternatives for the QLD economy (QLD Department of Treasury) (2002)
- Prospects for Greenhouse emissions from the stationary energy sector (AGO) (2002)
- Costs and benefits of new energy standards for housing (Allen Consulting and the Sustainable Energy Authority of Victoria) (2002)
- The economic significance of changes in Defence infrastructure spending (ACIL consulting) (2002)
- The economic significance of an outbreak of Foot and Mouth Disease in QLD (QLD Department of Primary Industries) (2001)
- The effects of mine closure in the Broken Hill area (Allen Consulting) (2001)
- The effects of a new automotive parts industry in NSW (Allen Consulting) (2001)
- The effects of a new Nickel mine and smelter (Allen Consulting) (2001)
- The effects of a Space launch Centre on the Christmas Islands (Allen Consulting) (2001)
- Impacts of a new steel and iron plant for WA (Allen Consulting) (2001)
- Impacts for QLD of global trading in greenhouse emissions permits and other strategies for reducing emissions (Australian Greenhouse Office, QLD Department of Treasury) (2001)
- Transport enhancements in MMRF (Bureau of Transport Economics) (2000 and 2001)

- Impacts of carbon trading on Australia and its regions (Allen Consulting and Minerals Council of Australia) (2000)
- Impacts of global and domestic carbon trading (Allen Consulting and the Australian Greenhouse Office) (2001)
- Impacts of an ASEAN free trade zone on the Thailand economy (Thai government and Chulalongkorn University) (2000)
- Implications for Australia and South Australia of a large-scale mining project (confidential) (2000)
- The construction of a dynamic multiregional model of the Danish economy (Danish Institute of Agricultural and Fisheries Economics) (2000, 2001, 2002)
- The contribution of exports to the regional economies (Department of Foreign Affairs and Trade) (2000)
- Implications for Australia of a large-scale mining project in QLD (confidential) (2000)
- Regional impacts of taxation policies assessed using a dynamic regional general equilibrium model (an ARC SPIRT project) (1999, 2000, 2001)
- Projections of long-term energy supply and demand for the South Australian economy (Allen Consulting) (1999)
- Construction of a dynamic model of the QLD economy and the Rest of Australia (QLD Department of Treasury) (1999)
- The impacts of a large scale mining project on the Queensland economy (Allen Consulting) (1999)
- Labour market projections to the year 2010 (Office of the federal leader of the Opposition) (1999)
- Future infrastructure needs in Melbourne (Infrastructure Victoria) (1998, 1999)
- The regional impacts of the GST (Queensland Treasury) (1998, 1999)
- Impacts of E-Commerce (Allen consulting) (1998, 1999)
- Productivity improvements in agriculture (Department of Natural Resources, Victoria) (1997, 1998, 1999)
- Water and the Australian economy (Australian Academy of Technological Science) (1997, 1998)
- The contribution of exports to the Australian economy (Department of Foreign Affairs and Trade) (1998).
- Effects of technical change in coal production (Productivity Commission) (1997,1998)
- Projections of Australian greenhouse gas emissions (Department of Environment, Sport and Territories) (1997).
- Forecasts for the WA economy (Western Power) (1996).
- Analysis of the effects of regulatory arrangements on the QLD sugar industry (Boston Consulting Group) (1996).
- Analysis of the long-term growth prospects of the WA economy (WA Department of Commerce and Trade) (1995).
- Analysis of the prospects for employment by industry (Commonwealth Department of Employment, Education and Training) (1994-95).
- Development of the semi-annual publication, *Guide to Growth*, which details the growth prospects of over 100 industries in the Australian economy (Syntec economic services) (1993).
- Analysis of the effects of international tourism on the Australian economy (Bureau of Tourism Research) (1989-93).

List of Publications

Articles in Refereed Journals and Books

1. Yin Hua Mai and Philip Adams, "Resources Sector and Foreign Investment" Chapter 7 in Jayasuriya, S. D. MacLaren and G. Magee (eds.) *Negotiating a Preferential Trading Agreement*, Edward Elgar, Cheltenham, UK, 2009.
2. R. Seymore, M. Mabugu, J. H. van Heerden, P. D. Adams and J. Blignaut, "The Impact of an Electricity Generation Tax on the South African Economy", *Energy Economics* (forthcoming).
3. Philip Adams, "Insurance against Catastrophic Climate Change: How Much Will and Emissions Trading Scheme Cost Australia?", *The Australian Economic*

- Review*", Vol. 40, No. 4, December 2007, pp 432-52.
4. Philip Adams, "Interpretation of Results from CGE Models such as GTAP", *Journal of Policy Modelling*, Vol. 27, December 2005, pp. 941-59.
 5. Philip Adams, "Prospects for the Australian Economy and the Impact of Meeting Australia's Kyoto Commitment", *Farm Policy Journal*, Vol. 1, No. 3, November 2004, pp 26-35.
 6. Philip Adams, "Medium term Prospects for the Australian Economy and the Impact of Kyoto-Compliance", *Australian Bulletin of Labour*, 30(1), March 2004, pp. 1-15.
 7. Siobhan K. Dent, John P. Switala, Philip D. Adams and Mark h. O'Sullivan, "Foot-and-Mouth Disease Outbreak: Modelling Economic Implications for Queensland and Australia", *Australasian Journal of Regional Studies*, 8(3), 2002, pp. 303-26
 8. Philip Adams, Mark Horridge, John Madden and Glyn Wittwer, "Drought, Regions and the Australian Economy between 2001-02 and 2004-05", *Australian Bulletin of Labour*, 28(4), December 2002, pp. 223-249.
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1. (during the remainder of 2009) Contract research reports written on issues such as Greenhouse Gas abatement, the effects of large mining projects on regional economies, the economic benefits and costs of measures to encourage energy efficiency.
2. "Costs and Benefits of water infrastructure construction" (Philip Adams) (March 2009)
3. "The Australian gaming industry – Economic aspects" (Philip Adams) (February 2009)
4. "Costs and benefits of the Transurban road system in Melbourne and Country Victoria" (Philip Adams) (February 2009)
5. "Potential economic impacts of a new LNG plant for QLD (Philip Adams) (January 2009)
6. "Adaptation greenhouse policies for South Africa (Philip Adams) (September 2008)
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8. "Stationary Energy Projections, 2007" (contribution by Philip Adams to final report prepared by MMA) (July 2007).
9. "Effects of improved port facilities" (Philip Adams) (July 2007).
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11. "Modelling the impacts of autonomous energy efficiency improvements in the construction sector" (Philip Adams) (June 2007).
12. "Pricing of electricity in Tasmania" (Notes prepared by Philip Adams) (May 2007).
13. "New defence ship building program for Australia" (Notes prepared by Philip Adams) (March 2007).
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