

CENTRE FOR STRATEGIC
ECONOMIC STUDIES

CSES ANNUAL REVIEW AND
KEY PERFORMANCE INDICATORS
2013

College of Business
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1. Introduction

This is the final report for the Centre for Strategic Economic Studies (CSES) which in March 2014 became the Victoria Institute of Strategic Economic Studies. It incorporated the Centre of Policy Studies which transferred from Monash to Victoria University in 2014.

CSES was established in 1993, and over time developed a reputation for producing high quality research outputs in applied economics with a focus on globalisation and the development of the knowledge economy, together with the implications of these trends for economic, social and political change. The Centre also built a strong program in research training at the doctoral level, with more than thirty students currently being supervised for PhD and DBA degrees.

The Centre's mission has been to:

- address long-term, strategic economic and social issues of international concern and significance;
- consider, in doing so, the role of both general ideas and specific institutions, and the relationship between them;
- develop a specific focus on basic issues relevant to Australia's future, with special reference to the Asian region; and
- develop and train a body of graduate students with the motivation and skills to address these strategic issues in the future.

Many of the issues that face policymakers today stem from the fundamental changes that have taken place in the world economy over the past three decades. A range of interrelated factors – such as the emergence of successive waves of new information technologies, sustained policies to open up the world economy, the historic emergence to rapid growth of China, India and other developing countries, rapid technological change in health and other areas, the recognition of serious threats to the environment and the ongoing shift to a services economy – have reshaped the global economic landscape. These changes affect every community, region and nation, and no firm or industry is immune from their impact. For policymakers, they create a dual challenge: of understanding how these forces shape specific issues that arise within their jurisdiction, and of developing and implementing policies that are effective in this new context.

The Centre's aim has been to build within Victoria University (VU) a centre of international scale and quality for the study of key issues arising from these processes of rapid economic and technological change. While drawing on strong theoretical and empirical foundations in economics, the research is intended to have a special relevance to policy formulation and implementation in relevant areas. The specific areas of application are Australia, the Western Region of Melbourne and the countries of our region, especially China, India, Indonesia and Vietnam, but a focus on the USA and Europe is often necessary to understand the global nature of the issue in question. The approach is primarily economic, although the interdisciplinary nature of the skill sets required to deal such interlinked issues is explicitly recognised.

The Centre has chosen to build a capability to:

- concentrate on the areas designated below and on the linkages between them; and
- emphasise an economic approach and build primarily economic capability, with support from other disciplines as necessary.

Areas of focus

The global changes the world is facing today are complex and multi-faceted, and no research centre could even begin to address all the issues that arise. But neither can most of these be adequately addressed in isolation, for they are complex and interrelated. Recognising the need to focus and to

specialise to achieve high quality academic output, the Centre has chosen to concentrate on the areas designated below and on the linkages between them.

1.1 CSES Research Areas and the Distinctive Specialisations

Growth and development

In a recent paper,¹ the eminent economist Kenneth Arrow and others address the question of whether economic growth is compatible with sustaining wellbeing over time. In considering the issue, he and his colleagues employ a comprehensive measure of wealth, which includes human capital, natural capital, health improvements and technological change. In our view, these stocks of wealth encapsulate the key issues which we consider to be core to our research agenda. While the traditional view of growth and development has always included consideration of poverty and inequality, the issues of sustainability, human capital, health and technological change are closely related in a world in which well-being is poorly defined by GDP measures. The rapid growth in GDP in parts of the developing world has illustrated the importance of these other considerations. For instance in China, the limits of pollution has been exceeded, adversely affecting the health of its population. Moreover, a shortage of human capital limits the capacity of such economies to transform themselves into service economies in which some of these limitations are less of a constraint. To these considerations proposed by Arrow et al., we add the issue of the geographical distribution of growth and development. Its increasing concentration in urban areas and the attendant disparity of economic wealth provides particular challenges for policy makers.

Sustainability and climate change

The Centre's work on climate change mitigation and adaptation has focused on four specific factors –

- the role of China and other emerging economies as the main sources of further increases in emissions,
- the need for sharp changes in development strategies if these increases in emissions are to be contained,
- the pivotal role of new technologies in reducing emissions in both developed and developing countries; and
- the formulation of effective adaptation strategies, in both Australia and Asian countries, to respond to global warming.

Both for Australia and China, our work has had a major emphasis on policy development and decision making, which is the agreed focus for the development of the sustainability theme at Victoria University. It has a substantial project on low carbon cities with partners in China, which directly relates to the built environment focus of the distinctive specialisation. Substantial streams of work are underway in CSES, in conjunction with the International Panel on Climate Change and with funding from the Australian Government, on developing better frameworks for adaption policies and strategies under uncertainty.

Health and innovation

The origins of the CSES interest in health lies in work undertaken over more than a decade ago in its Pharmaceutical Industry Project with funding from industry and government of about \$2 million. This work has focussed on biopharmaceutical commercialisation and pricing issues. While these interests continue, our focus has shifted to understanding the pivotal role of health in modern economic development, and in particular the analysis of the economic case for innovation in health – the so-called 'returns to health innovation'. Our partners in this work include the APEC Life Sciences Health Innovation Forum, the World Health Organisation, US PhRMA (the US industry body) and the China National Health Development Research Center. This work is particularly focused on the returns to investment in maternal and child health, and to investment in chronic diseases such as diabetes,

¹ Arrow, J.K et al. 2012, 'Sustainability and the measurement of wealth', *Environment and Development Economics*, 17: 317-353.

cardiovascular disease and cancer. The project undertaken with the WHO on the returns to investing in child and maternal health was published in the *Lancet*. These capabilities have direct application to work being undertaken within the University on the Western Region and to the health distinctive specialisation being developed.

John Houghton has led the research on innovation, with a focus on knowledge access and the economic and social impacts of access to knowledge. His work explores the economic implications of alternative scholarly publication and distribution business models and the impacts of those models on the economy and society. Major foci include Open Access models for scientific and scholarly publishing, the curation and open sharing of research data, and the costs and benefits of making public sector information (PSI) more openly and freely available.

Regional economics and human impact

The VU distinctive specialisation 'Economic, Social and Community Development', now part of the 'Sustainability, urban development, and community wellbeing' theme, has a number of aspects, but a common thread is the study of diversity, particularly across geographic space. Much of the Centre's research in this area shares this focus. Our work builds on developments in economic geography, such as analysing the implications for the location of economic activity of scale economies and agglomeration. Agglomeration economies favour concentration, which generates spatial inequalities in economic activity levels. Rapid global economic and technological change has created greater diversity in impact at the human level.

These principles have been applied to series of projects undertaken for the Victorian Government. One, using unique data obtained from the WorkCover Authority. This shows the dramatic way in which the landscape of Melbourne's economy has been reshaped by continuing globalisation, population growth and structural change that has concentrated a large proportion of new jobs in inner Melbourne.

Education and human capital

Education and the development of human capital are central to growth and development. One particular feature of the Centre's work is the analysis of large scale datasets. Current work includes two related projects on the outcomes for students with a low entry Australian Tertiary Admission Rank (ATAR).

VU interdisciplinary themes

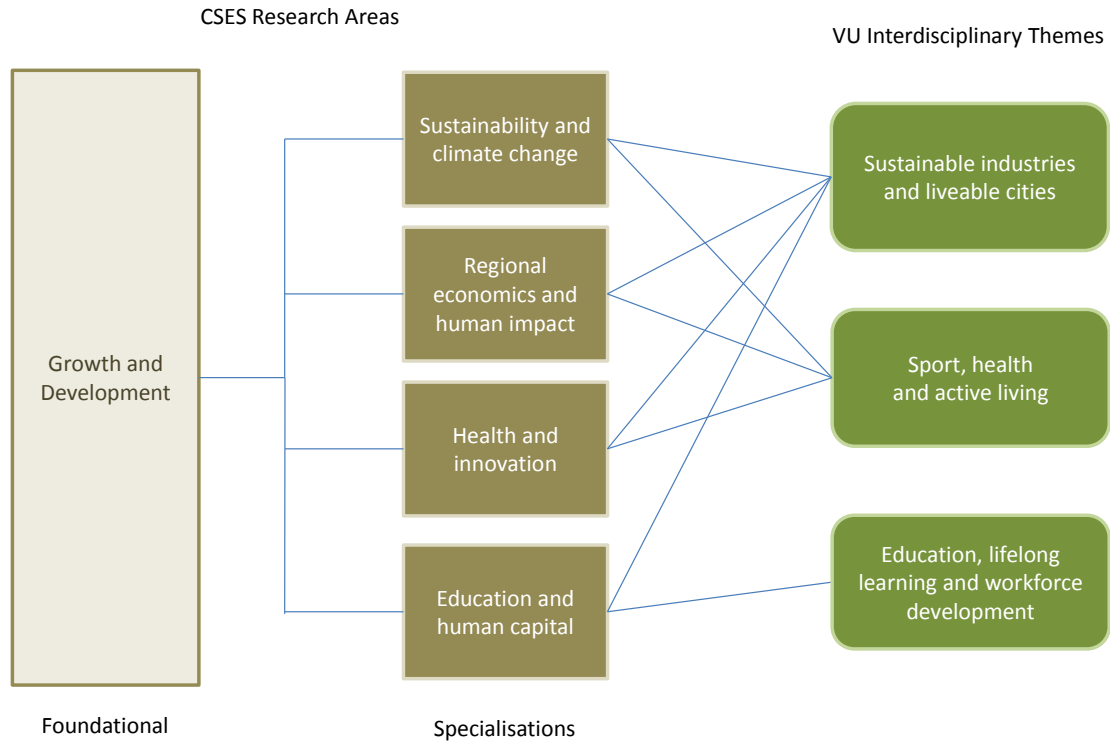
These VU core research programs have been reshaped and redefined to better reflect and align with the relevant *interdisciplinary themes* and research themes. The relationships between four key research areas and the *interdisciplinary themes* are also shown in Chart 1.1. The fifth area, the growth and development program, and is shown having an indirect relationship with the *interdisciplinary themes*.

The *interdisciplinary themes* remain conceptually fluid with the Vice Chancellor indicating that the individual *interdisciplinary themes* are likely to be clustered around three major themes:

- Sustainability, urban development, and community wellbeing
- Sports, exercise, nutrition, health, and active living
- Education and lifelong learning

CSES core research programs contribute to each of these three major themes. It draws together, for instance, our work on sustainability and urban development, and the value of innovation in health to address chronic disease through various interventions, including better diet and exercise.

Chart 1.1 CSES research areas and VU interdisciplinary themes



1.2 Core areas of economic expertise

In addressing these four inter-related areas of interest, the Centre has sought to develop the following core areas of economic expertise:

- macroeconomic, labour market, growth and development;
- innovation and technology assessment (health/biomedical, ICT, energy and clean technology);
- relevant aspects of energy, climate and health economics;
- social economics and issues of distribution and poverty; and
- regional economics and analysis, including fiscal federalism and governance.

The areas of core economic expertise are supported as required by expertise from other related disciplines, such as economic geography and climate modelling.

1.3 Summary: External research income and performance indicators

External research income is a key focus for the Centre. While a proportion is sourced from competitive grants, a large proportion comes from contract research for a client base that includes government departments, NGOs and industry. As the Centre develops, there is a continuing tension between the demands of building a high quality research base and those of identifying and carrying out a large volume of funded contract research. The ongoing efforts to increase the volume and quality of journal articles published should also improve the Centre's competitive grant performance in the medium term.

In 2013, the high quality of the Centre's research work was indicated by journal publications in *The Lancet* and *Nature Climate Change*, each iconic journals in their fields. However, external research income was lowest achieved by the Centre in almost a decade. In part, this reflected the ebb and flow of contract work. It also reflected efforts in successfully pursuing new projects which have started in 2014.

The largest of these was a \$900,000 project in Pakistan on strategies to assist the development of markets for certain agricultural commodities for the Australian Centre for International Agricultural Research (ACIAR). Most of the work will be done over two years, 2014 and 2015.

Table 1.1 presents a summary of the performance indicators for the years 2003-2013.

Table 1.1 CSES summary of key performance indicators, 2003-2013

Year	External research income (\$'000)	Publications (weighted HERDC pts) (a)	Research staff (FTE)	Research students (b) (FTE)	Research student completions (b)
2003	1227	20	8.3	12.5	2
2004	1122	18.3	8.8	12.8	2
2005	1157	39.5	10.0	20.5	1
2006	1049	32.8	10.6	23.0	0
2007	752	45.3	14.7	25.0	0
2008	1386	35.8	15.7	20.2	3
2009	1576	49.2	19.1	23.0	4
2010	1290	58.1	18.2	23.8	5
2011	1169	28.4	19	29.5	4
2012	1411	25.6	17.1	31.8	6
2013	697	32.74	15.9	30	4

Notes: (a) Does not include CSES Research Associates. (b) Includes PhD and DBA supervision.

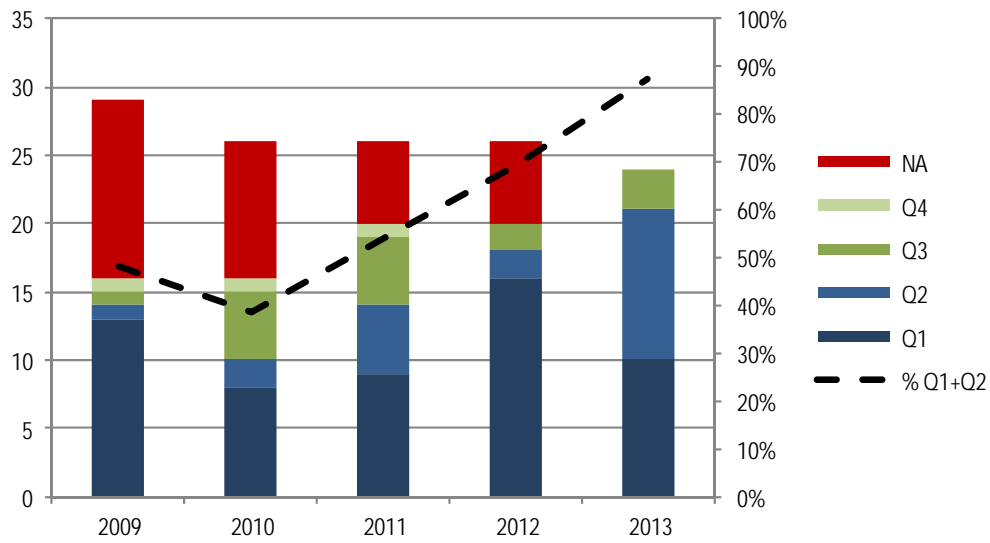
Source: VU Office for Research and CSES.

High quality academic output takes time and effort to produce, and incurs substantial delays in the refereeing process. External research income, especially from contract research, and publications tend to be negatively correlated. Over this period, there has been no increase in the number of refereed journal articles, but an increased focus on publishing journal articles of increasing quality.

Chart 1.2 shows the outcome of this strategy. It shows both the number of refereed journal articles published and the proportion of these articles with a SCImago ranking in Quartile 1 (Q1) and Quartile 2 (Q2). This shows a strong trend toward publishing an increasing proportion of papers in Q1 and Q2. From 2010 to 2013 the number of Q1 and Q2 articles increased from 10 or 40% to 21 or 85%. This is a trend that we are seeking to continue.

Perhaps equally noteworthy is the decline in the number of not ranked journal article publications as researchers have become more focussed on publishing in ranked journals.

Chart 1.2 Number of CSES journal articles, by SCImago quartiles, and percentage of Q1+Q2, 2009-2013



Note: SCImago quartile rankings are from <http://www.scimagojr.com/journalrank.php>.

A central part of the Centre’s mission is the supervision of PhD and DBA students. The Centre’s graduate program is one of its major activities and occupies a significant amount of staff time. It had 29 FTE students and four student completions in 2013 (Table 1.2).

Table 1.2 Number of CSES research students and completions, 2002-2013*

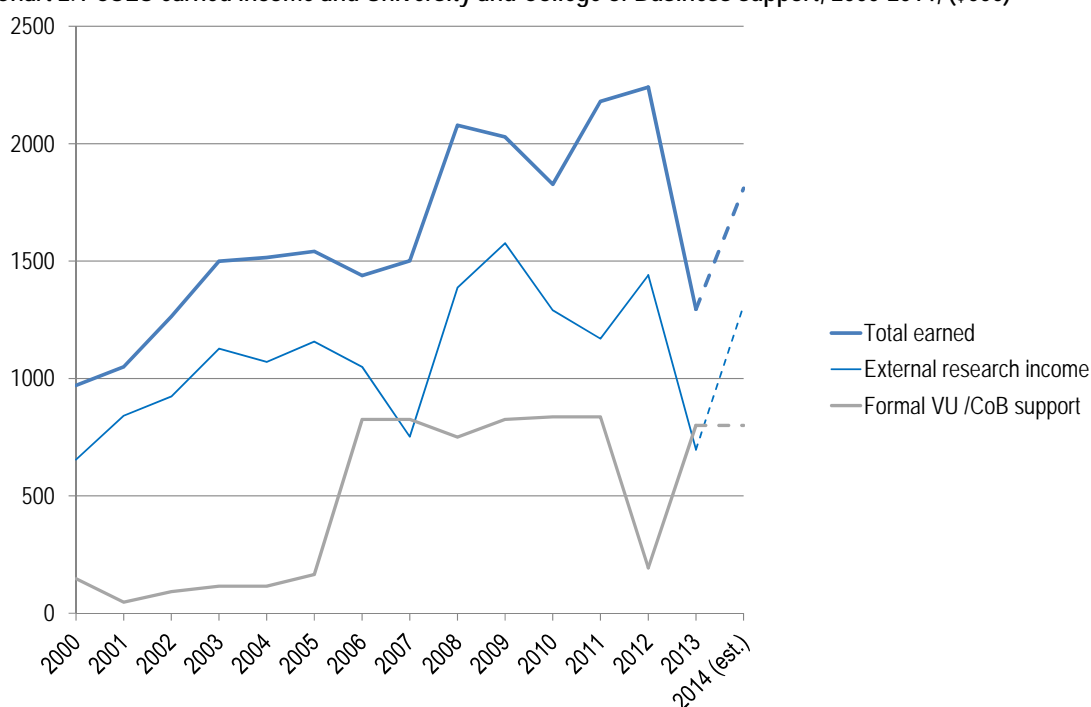
Year	Research students (FTE)	Research student completions
2002	17.5	4
2003	12.5	2
2004	12.8	2
2005	20.5	1
2006	23.0	0
2007	25.0	0
2008	20.2	3
2009	23.0	4
2010	23.8	5
2011	23.8	4
2012	31.8	6
2013	29	4

Note: *Includes PhD and DBA supervision.
Source: VU Office for Research.

2. Income

Over the period since 2000 earned income, comprising external research income, payments for supervision and research performance more than doubled from \$970,000 to \$2.2 million in 2012 (see Chart 2.1). While 2013 was a disappointing year for external research income, the effort devoted to the acquisition of several large projects, in particular one for the Australian Centre International Agricultural Research – *Enabling Agricultural Policies for Benefitting Smallholders in Dairy, Citrus and Mango Industries of Pakistan* (\$903,643) over 3 years and another for the CRC Bushfire – Mapping and Understanding Bushfire and Natural Hazard Vulnerability and Risks at the Institutional Scale (\$420,000) provides a platform for a recovery in 2014 and a basis for growth in future years.

Chart 2.1 CSES earned income and University and College of Business support, 2000-2014, (\$000)



In recent years payments for PhD/DBA supervision have grown to form a significant part of the Centre's income and in 2013 totalled \$530,000. In 2012, University support with the end of PRIP University was largely withdrawn leading to severe expenditure reductions including staff cuts. This has been replaced by central support of \$800,000 reflecting transition of CSES to university institute status.

The actual amounts for 2012 and 2013 are shown in Table 2.1.

Table 2.1 Total CSES income, 2012 and 2013 (\$'000)

	2012	2013
External Research Income (ERI)		
Category 1 Grants	211	185
Contract Research	1200	512
Total ERI	1411	697
Other Earned Income		
Research Training	567	530
Research Performance	234	-
Other Earned Income	105	68
Total Earned Income	2317	1,295
University Support	193	800
Total Income	2510	2095

2.1 External research income 2013

Total external research income for 2013 was \$697,000. This was substantially lower than for recent years which had averaged about \$1.3 million. The decline reflected several factors. The focus on high quality journal publications in the context of the coming ERA review, delays in the approval of large projects, e.g. the \$900,000 Pakistan project, and the loss of key high earning staff. The development time spent on obtaining multi-year projects has paid dividends for 2014 and beyond.

Several projects were strategically important, although the revenue received was relatively modest. These included a study led by Prof. Peter Sheehan on estimating the returns to investing in child and maternal health conducted in collaboration with the World Health Organisation for \$55,000. The results were published in *The Lancet*. The CSES role was to model the benefits of a set of health interventions for 75 countries. The costs and outcomes of the interventions were modelled by WHO. The success of this project has led to two further projects with the WHO, one on mental health and the other on chronic disease using similar modelling approaches. Funding for the follow-on work is around \$200,000.

Work was also commenced for the Mitchell Institute on the development of a set of health and education indicators for \$150,000, although no funding for this was received in 2013. This work commences an important research collaboration with the Mitchell Institute which will fund a significant component of CSES/WISES work over the next few years.

Approval was obtained from the Australian Centre for International Agricultural Research (ACIAR) for a \$900,000 (Cat 1) project to develop marketing policies for certain agricultural commodities produced by small scale Pakistani farmers. The project has been in development for over two years and its approval by ACIAR was in itself a significant achievement by the project leader, Prof. Bhajan Grewal.

Approval was also obtained for a \$420,000 project on bushfire vulnerability for the CRC for Bushfires. The Office for Research is providing matching funding of \$120,000. It follows work led by Prof. Roger Jones on adaptability to climate change and decision making under uncertainty funded by a \$350,000 grant from the National Climate Change Adaptation Research Facility (NCCARF).

Other important work included a report for the WA Natural Gas Partnership, on Chinese energy strategies, the results of which were published in early 2014 in *Nature Climate Change*. Work also continued for the Victorian Government on exports and export strategies.

Prof. John Houghton's ongoing work on the benefits of 'open access' for research publications, continues to attract international attention including a reference in the House of Lords.

Table 2.2 below presents the details of income received from the University. This table shows University support as \$800,000 for 2013. However, no payment was made, as in fact it was the capacity to run a deficit of \$800,000. In our view, it would be far preferable for a formal transfer to occur as was the case for PRIP. As is indicated, the formal support arrangements to some extent subsume other payments, which CSES has received in the past, such as 50% of the Director's salary and a share of the substantial income the University receives from the Australian Government as a result of the VU research outcomes (research income, publications, graduate teaching and doctoral completions). There was no central support for CSES in 2013. The Centre also received \$530,000 for HDR supervision, which has become an important component of our effort and income.

Table 2.2 CSES income from the University, 2012-2013 (\$)

	2012	2013
Teaching & training	545,117	529,803
VU research performance	300,262	
Director's salary	92,750	
VURIG	52,631	
VU RDGS (Bodman & Mekala)		37,398
Postdoctoral Start-up (Kent)		6,000
RIBG	46,744	
University support		800,000
Other grants	21,250	25,000
Total	1,058,754	1,373,201

2.2 Expenditure on infrastructure

The total expenditure on direct infrastructure – data, publications, software and equipment – within the Centre in 2012 and 2013 is detailed below. Table 2.3 excludes the personnel component of infrastructure expenditure. As in previous years, CSES investment in information sources is a significant cost item. This includes access to some large international databases, which are routine for well-funded research units overseas. They are essential to the quality of the Centre's research.

Table 2.3 CSES research infrastructure expenditure, 2012 and 2013 (\$)

	2012	2013
Information resources	21,653	26,935
Computer equipment	8,958	9,683
Computer software & license fees	13,968	9,680
Total	44,579	46,298

3. Outputs

Section 1.3 highlighted the increased focus on journal articles and their improved quality. In 2013, the total HERDC points recovered modestly, largely due to an increase in the number of books published. Reflecting the allocation of effort to contract research, much of the output of the Centre is in the form of research reports written under contract for various agencies.

Section 3.1 presents 2 tables with details of number and types of publications with HERDC weighted points per type for 2013, and HERDC total weighted points per year for the years 2004 to 2013. Section 3.2 presents refereed journal articles with their ranking. A full list of all CSES publications and research activities are presented in the Appendix.

3.1 CSES total weighted DIISR publications, 2013

Table 3.1 Number of CSES publications and HERDC points, 2013

Type of publication	Number	HERDC points
Books	3	9.58
Chapters in books	2	2
Journal articles, refereed	24	16.16
Conference papers, refereed	5	5
Total	34	32.74

Notes: Detailed list of journal articles is in Section 3.2 following. For other categories, see Appendix.
Source: VISES estimates.

Table 3.2 CSES publications, by type, 2004-2013

Number	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
HERDC category										
Books	1	3	3	3	4	2	5	1	-	3
Book chapters	1	4	8	4	7	4	4	4	2	2
Journal articles	12	11	8	28	20	29	27	26	26	24
Refereed conf. papers	5	11	17	6	13	16	5	4	3	5
Research reports	14	16	17	12	15	17	12	10	23	18
Total HERDC points	18.3	39.8	33.8	45.3	35.75	39.21	58.1	28.43	25.63	32.74

Source: VU Office for Research and CSES.

4.2 Evidence of strong quality dimension within the published output

Table 3.3 below provides details of the quality dimension of CSES refereed journal articles for 2013. HERDC points, ISI ranking, ERA (2010) rankings and SCImago are also given.

Table 3.3 Journal articles refereed (HERD category), 2013

Article details	HERDC points	ISI Impact Factor	ERA Ranking	SCImago
1. Ahmed, A. and van Hulst, A. 2013, 'Financial globalization in Botswana and Nigeria: A critique of the thresholds paradigm', <i>Review of Black Political Economy</i> , DOI 10.1007/s12114-013-9170-x. ISSN 0034-6446.	0.5	-	A	Q3
2. Bodman, R.W., Rayner, P. J and Karoly, D. J. 2013, 'Uncertainty in temperature projections reduced using carbon cycle and climate observations', <i>Nature Climate Change</i> , doi:10.1038/NCLIMATE1903. ISSN 1758-678X.	0.3	14.72	A*	Q1
3. Craven, B. and Islam S.M.N., 2013, 'An optimal financing model:	0.5	-	B	Q2

	Implications for existence of optimal capital structure', <u>Journal of Industrial and Management Optimization</u> , vol. 9, no. 2, pp. 431-436. ISSN 1547-5816.				
4.	Fforde, A. 2013, 'The Politics of Civil Society Organisation in Cambodia and Vietnam', <u>European Journal of East Asian Studies</u> (EJEAS) vol. 12, pp. 35-53, at brill.com/ejea ISSN: 1568-0584.	1	-	-	Q2
5.	Fforde, A. 2013, 'Post-cold war Vietnam: Stay low, learn, adapt and try to have fun - but what about the party?', <u>Contemporary Politics</u> , vol. 19, no. 4, pp. 379-398. ISSN 1356-9775.	1	0.635	B	Q1
6.	Fforde, A. 2013, 'Vietnam in 2012: The end of the party', <u>Asian Survey</u> , vol. 53, no. 1, pp. 101-108. ISSN 0004-4687.	1	0.473	A	Q1
7.	Gregory, R.G. 2013, 'The Henderson question? The Melbourne Institute and 50 years of welfare policy', <u>Australian Economic Review</u> , vol. 46, no. 2, pp. 202-215. ISSN 0004-9018.	1	0.300	B	Q2
8.	Grunfeld, H. and Maria Lee Hoon Ng 2013, 'A multimedia approach to ODL for agricultural training in Cambodia', <u>The International Review of Research in Open and Distance Learning</u> , vol. 13, no. 1, at http://www.irrodl.org/index.php/irrodl/article/view/1275/2453 ISSN 1492-3831.	0.5	0.602	B	Q2
9.	Houghton, J. and Swan, A. 2013, 'Planting the green seeds for a golden harvest: Comments and clarifications on 'Going for Gold' ', <u>D-Lib Magazine</u> , vol. 19, no. 1/2. ISSN 1082-9873. http://www.dlib.org/dlib/january13/houghton/01houghton.html	1	-	B	Q2
10.	Hulten, A. and Ahmed, A. 2013, 'Migrant entrepreneurs' access to business finance in Australia', <u>Journal of Developmental Entrepreneurship</u> , vol. 18, no. 1, pp. 1-22, DOI: 10.1142/S1084946713500039. ISSN 1084-9467.	0.5	-	C	Q2
11.	Lichtenberg, F.R. 2013, 'The impact of new (orphan) drug approvals on premature mortality from rare diseases in the United States and France, 1999-2007', <u>European Journal of Health Economics</u> , vol. 14, no.1, pp. 41-56. doi: 10.1007/s10198-011-0349-4. http://www.ncbi.nlm.nih.gov/pubmed/21953319 ISSN 1618-7598	1	2.095	B	Q1
12.	Liddle, B. and Lung, S. 2013. 'Might electricity consumption cause urbanization instead: Evidence from panel long-run causality tests' at <u>Global Environmental Change</u> , vol. 24, pp. 42-51. ISSN 0959-3780	0.5	6.091	B	Q1
13.	Liddle, B. 2013, 'Impact of population, age structure, and urbanization on carbon emissions/energy consumption: Evidence from macro-level, cross-country analyses', <u>Population and Environment</u> , vol. 35, pp. 286-304. ISSN 0199-0039.	1	2.585	A	Q1
14.	Liddle, B. and Lung, S. 2013, 'The long-run causal relationship between transport energy consumption and GDP: Evidence from heterogeneous panel methods robust to cross-sectional dependence. <u>Economic Letters</u> , vol. 121, pp. 524-527. ISSN 0165-1765.	0.5	2.538	B	Q2
15.	Liddle, B. 2013, 'The energy, economic growth, urbanization nexus across development: Evidence from heterogeneous panel estimates robust to cross-sectional dependence', <u>Energy Journal</u> , vol. 34, no. 2, pp. 223-244. ISSN 0195-6574.	1	2.198	A	Q1
16.	Messinis, G. 2013, 'Returns to education and urban-migrant wage differentials in China: IV quantile treatment effects', <u>China Economic Review</u> , vol. 26, no. 1, pp. 39-55. ISSN 1043-951X.	1	1.727	B	Q1
17.	Mills, K., Gell, P., Gergis, J., Baker, P., Finlayson, C.M., Hesse, P.P., Jones, R., Kershaw, P., Pearson, S., Treble, P.C., Brookhouse, B.M., McDonald, D.R.J., Haberle, S., Reid, M., Thoms, M. and Tibby, J. 2013, 'Paleoclimate studies and natural-resource management in the Murray-Darling Basin II: Unravelling human impacts and climate variability', <u>Australian Journal of Earth Sciences</u> , vol. 60, no. 5, pp. 561-571. ISSN 0812-0099.	0.06	-	B	Q2
18.	Mills, K., Gell, P., Hesse, P.P., Jones, R., Kershaw, P., Drysdale, R. and McDonald, J. 2013, 'Paleoclimate studies and natural-resource management in the Murray-Darling Basin I: Past, present and future climates', <u>Australian Journal of Earth Sciences</u> , vol. 60, no. 5, pp. 547-560. ISSN 0812-0099. http://www.tandfonline.com/loi/taje20	0.14	-	B	Q2
19.	Rashid, K. and Islam, S.M.N. 2013, 'Corporate governance, firm performance and complementarities in a developed market: A study of the Australian case for the period of 2000 to 2003', <u>International Journal of</u>	1	-	-	Q3

<u>Disclosure and Governance</u> , DOI: 10.1057/jdg.2013.19. ISSN 1741-3591.					
20.	Rashid, K. and Islam, S. 2013, 'Corporate governance, complementarities and the value of a firm in an emerging market: The effect of market imperfections', <u>Corporate Governance</u> , vol. 13, no. 1, pp. 70-87. ISSN 1472-0701.	1	-	C	Q3
21.	Sheehan, P. and Gregory, R.G. 2013, 'The resources boom and economic policy in the long run', <u>Australian Economic Review</u> , vol. 46, no. 2, pp. 121-139. ISSN 0004-9018.	1	0.300	B	Q2
22.	Stenberg, K., Axelson, H., Sheehan, P. , Anderson, I., Gülmezoglu, A.M., Temmerman, M., Mason, E., Friedman, H.S., Bhutta, Z.A., Lawn, J.E., Sweeny, K. , Tulloch, J., Hansen, P., Chopra, M., Gupta, A., Vogel, J.P., Ostergren, M., Rasmussen, B. , Levin, C., Boyle, C., Kuruvilla, S., Koblinsky, M., Walker, N., de Francisco, A., Novcic, N., Presern, C., Jamison, D. and Bustreo, F. on behalf of the Study Group for the Global Investment Framework for Women's Children's Health 2013, 'Advancing social and economic development by investing in women's and children's health: A new global investment framework', <u>The Lancet</u> , 19 November, doi:10.1016/S0140-6736(13)62231-X. ISSN 0140-6736.	0.12	39.060	A*	Q1
23.	Tran Van Hoa and Limskulb, K. 2013, 'Economic impact of CO2 emissions on Thailand's growth and climate change mitigation policy: A modelling analysis', <u>Economic Modelling</u> , vol. 33, pp. 651-658. ISSN 0264-9993.	0.5	0.557	A	Q2
24.	van Ruijven, B.J., Levy, M.A., Agrawal, A., Biermann, F., Birkmann, J., Carter, T.R., Ebi, K.L., Garschagen, M., Jones, B. Jones, R. , Kemp-Benedict, E., Kok, M., Kok, K., Lemos, M.C., Lucas, P.L., Orlove, B., Pachauri, S., Parris, T.M., Patwardhan, A., Petersen, A., Preston, B.L., Ribot, J., Rothman, D.S. and Schweizer, V.J. 2013, 'Enhancing the relevance of Shared Socioeconomic Pathways for climate change impacts, adaptation and vulnerability research', <u>Climatic Change</u> , 1-14, 10.1007/s10584-013-0931-0. ISSN.	0.04	3.634	A	Q1
TOTAL HERDC POINTS		16.16			

Note: ISI impact factor is from 2012 edition of ISI Journal Citation Reports. ERA ranking is from ARC 2010 list. The quartile rankings are from SCImago and can be found at: <http://www.scimagojr.com/journalsearch.php>

Table 3.4 Number of journal article by SCImago quartile, 2013

Quartile	Number of articles	Proportion (%)
Q1	10	42%
Q2	11	46%
Q3	3	12%
Q4	0	0
Total	24	100%

Note: SIMAGO quartile rankings are sourced from <http://www.scimagojr.com/journalsearch.php>

3.3 Number of PhD completions, 2013

One PhD, two DBA and one Master theses were completed in 2013. Details are in the table below.

Table 3.5 PhD and DBA completions, 2013

Student	Thesis title	Supervisor	Status
2013 completions			
Siti Nuryanah (PhD)	Developing Financial Management Strategies for Achieving Good Corporate Governance: An Integrated Optimisation Modelling Approach	Sardar Islam	Completed
Khalid Aldosari (DBA)	Saudisation in the Hospitality Industry: Management Issues and Opportunities	Jamie Doughney	Completed
Abdul Ghofar (DBA)	Accounting Performance and Firm Value Implications of the Inter-dependence of Business Environment, Business Strategy, Corporate Governance and Earnings Quality: a Contingency Theory Approach	Sardar Islam	Completed
Natalie Zirngast (MBA by Research)	Demanding to be Human: The Moral Authority of Human Rights and the Convention on the Elimination of All Forms of Discrimination against Women (CEDAW)	Jamie Doughney	Completed

Note: A PhD is completed when the VU Council classification occurs and a bound thesis is lodged with the VU Office for Postgraduate Research.

3.4 List of technology transfer activities

Table 3.6 Technology transfer activities, 2013

Conference papers refereed and published	5
Conference papers and presentations, invited	25
Conference papers and presentations, other	18
Research reports	18
CSES workshops	7
CSES internal seminars	4
Staff media articles	20
Media articles covering CSES staff research	66
Radio and television interviews	Multiple
Webcasts	3

See Appendix for full listings.

4. Staff

At the end of 2011 and through 2012 and 2013 the Centre reduced the number of staff as central support was withdrawn. In addition to those reduced for strategic reasons, they included losses of key staff. This included Dr Alex English who led much of our work in climate change in China. His loss was contributed to the decline in funding for our China projects. It is hoped that the new funding arrangements for Institutes and Centres will allow us to rebuild our staff profile with some quality strategic appointments.

4.1 Number of equivalent full-time research staff, 2013

Table 4.1 FTE research staff, 2013

Name	Qualifications	Research area	FTE
Roger Bodman	BEng, Grad Dip, BA (Hons), MA, PhD	Sustainability and climate change	1
Jamie Doughney	PhD (Vic Univ)	Education and human capital	1
Alex English*	BA (Hons) (La Trobe Univ), PhD (Univ Melb)	Sustainability and climate change	0.167
Adam Fforde	BA Eng Sc & Econ (Oxford Univ), MA (Oxon), MSc (Lond Univ), PhD (Camb Univ)	Growth and development	0.2
Robert Gregory	BCom (Hons) (Univ Melb), PhD (Lond Sch Econ)	Growth and development	0.25
Bhajan Grewal	BEcon (Panjab Univ), MA (Panjab Univ), PhD (Punjabi Univ)	Growth and development	0.6
John Houghton	BSocSc (New England), BA (Hons) (Griffiths), PhD (Univ Qld)	Health and innovation	1
Kathleen Hurley	BA (Hons) (Monash); Grad Dip (Swinburne), MAppI (Monash), PhD (Vic Univ) (current)	Regional economics and human impact	0.5
Sardar M.N. Islam	BA (Hons), MA, PhD, LLB (Law)	Growth and development	1
Roger Jones	BSc (Hons) (Univ Melb), PhD (Univ Melb)	Sustainability and climate change	1
Anthony Kent	B Letters (Hons), Grad. Dip. (RMIT), Master Env Sc (Monash), PhD (RMIT)	Regional economics and human impact	1
Brantley Liddle	BSc (Brown Univ), MS (MIT), PhD (MIT)	Sustainability and climate change	1
Neelam Maharaj	BA (Hons) (Bombay Univ), BA (La Trobe)	Regional economics and human impact; Health and innovation	0.4
Gayathri Mekala	BSc (Acharya N G Ranga Agr. Univ), MRural Mgt, (Inst Rural Mgt India), Dip Agr Res for Dev (ICRA), PhD (Univ Melb)	Regional economics and human impact	1
George Messinis	BEC (La Trobe), Dip Ed (La Trobe), PhD (Univ Melb)	Education and human capital	1
Bruce Rasmussen	BEC (Hons) (La Trobe), MEc (La Trobe), MPA (Harvard), PhD (Vic Univ)	Health and innovation; Regional economics and human impact	1
Peter J. Sheehan	BSc (Univ Melb), MA (Hons) (Univ Melb), D Phil (Oxon) (Oxford Univ)	Health and innovation; Sustainability and climate change	1
Kim Sweeny	BEcon (Hons) Univ Sydney), PhD (Vic Univ)	Health and innovation	1
Fanghong Sun	BEcon (Beijing), MEcon (Beijing), PhD (Macquarie)	Health and innovation; Sustainability and climate change	0.2
Alison Welsh	BBus (Deakin), Grad Dip (Deakin)	Health and innovation; Sustainability and climate change; Regional economics and human impact	1
Celeste Young**		Sustainability and climate change	0.6
Total FTE			15.9

Note: * Full time, January-February 2013.

** Part time 0.8, Apr-Dec 2013

4.2 Number of internal seminars and workshops 2013

CSES held 4 internal seminars (of which one was an external speaker), and a full series of student seminars run weekly by Prof. Sardar Islam. A public lecture was also held by CSES visitor Dr Brian O'Neil. See Appendix for details.

CSES also held 7 workshops linked to the various projects in 2013. See Appendix for details.

4.3 Visitors, 2013

Professor Brian O'Neill, National Center for Atmospheric Research (NCAR), Colorado, US

A leading researcher from the National Center for Atmospheric Research (NCAR), Dr Brian O'Neill, visited the Center for Strategic Economic Studies during November 2013 for a series of meetings and staff consultations. Brian leads the Integrated Assessment Modeling group at NCAR, Boulder, Colorado. During the period 2005-2009, he founded and led the Population and Climate Change Program at the International Institute for Applied Systems Analysis (IIASA) in Austria. He is also a lead author for the Intergovernmental Panel on Climate Change's (IPCC) Fifth Assessment Report. His research interests are in the field of integrated assessment modeling of climate change, which links socio-economic and natural science to the climate change issue in order to address applied, policy-relevant questions.

Dr O'Neill presented a paper in a public lecture on 20 November 2013, *Population Growth and Climate Change: International and Australian Challenges* at Victoria University's City Flinders campus. This was followed on Thursday with a research seminar at CSIRO, Aspendale. Part of this visit included a tour of the CSIRO ice labs, where research on the history of atmospheric trace gases is carried out. Friday was taken up with a workshop, *The Science Policy Nexus: Assessing climate policy in an imperfect world*.

Dr O'Neill's visit was the continuation from a visit by Dr Roger Bodman to NCAR earlier in the year. These visits form part of a VU Research Development Grant to investigate the science-policy links for the new climate change scenarios being used to inform the IPCC's Fifth Assessment Report.

Ma Xiao, PhD candidate

Ma Xiao is a PhD candidate majoring in National Economics, from the School of Economics, Central University of Finance and Economics in Beijing. He was a visiting scholar at the CSES being granted a Beijing Municipal scholarship to come to Victoria University from October 2012 to April 2013, where has been supported by Dr Alex English and Prof. Bhajan Grewal at CSES.

His research covered federal finance issues in China. Although China is not a federation, government functions and revenues are divided between central and subnational governments, and these divisions have important consequences for the delivery of public goods and services and for the standards of these services across China's different regions. This is because of the existence of vertical and horizontal fiscal imbalances between the central and local governments. The Central Government has extensive controls over the tax revenues and local governments have little power over tax rates or levying new taxes. In contrast, local governments are responsible for nearly 70% of public expenditure on goods and services. Local governments are also not allowed under China's Budget Law to borrow funds, but they extensively rely on the so-called extra-budgetary funds in addition to fiscal transfers from central government. His research will cover the problems resulting from this system of intergovernmental fiscal relations using examples of China's funding of higher education.

5. Students

5.1 Number of equivalent full-time research students supervised by CSES staff, 2013

Table 5.1 PhD and DBA students, 2013 (FTE)

PHD student name	Thesis title	Supervisor	Co-supervisor	FTE
1. Abd Ghani, Judhiana	Market Preserving Federalism: Implication for Malaysia	Bhajan Grewal	Peter Sheehan	1
2. Andriansyah, Andriansyah	The Real Economic Activities Impacts of the Stock Market Development in Indonesia's Economic Development	Peter Sheehan	George Messinis	1
3. Azizah, Amril	Risk Management, Internal Control, Corporate Reputation and Firm Value	Sardar Islam	Peter Sheehan	1
4. Brumby, Jim	Fiscal Space and Budgetary Management	Bhajan Grewal	Peter Sheehan	0.5
5. Burford, Marion	Regulation of Islamic Banks in a Conventional Banking Environment: Lessons from the GFC	Jamie Doughney	--	0.5
6. Bunyamin, Firman	The Impact of Asia Pacific Economic Cooperation (APEC) on Several Economic Indicators of Indonesia	Tran Van Hoa	Peter Sheehan	1
7. Byrne, Gabriele	Preventing 'Problem Gambling' Relapse Through Social Inclusion	Jamie Doughney	--	0.5
8. Farrance, Lisa	Confronting Ideology: The Radical Possibilities and Real Limits for Alternative Media in the Struggle for Emancipation	Jamie Doughney	Jeannie Rea	1
9. Hendriyetty, Nella	Indonesia's Anti Money Laundering Regime: An Analysis of its Evolution and Effectiveness	Bhajan Grewal	Bruce Rasmussen	1
10. Hidayatie, Estty Purwadiani	The Impact of the Global Financial Crisis and Economic Integration on Indonesia's Agricultural Growth: An Econometric Study	Tran Van Hoa	Abdullahi Ahmed	1
11. Hurley, Kathleen	To what extent is Melbourne's transformation an outcome of globalization?"	Peter Sheehan	Bruce Rasmussen	1
12. Hussin, Baharuddin Muhammad	Hedging and Firm Value: Integrating Simultaneous Relationship between Risk Management, Corporate Governance and Accounting Information	Sardar Islam	Abdullahi Ahmed	0.75 ^a
13. Khan, Nahid	Investigating the effect of maternal employment on child health: Evidence from Bangladesh and India	Peter Sheehan	Kim Sweeny	0.5
14. Lou, Xiaocui (Catherine)	Decision Making under Uncertainty through Robust Optimization: A Study of Integrating Supply Chain Management with Corporate Governance for Risk Management	Sardar Islam	Wei Dai	1
15. Lum, Yew Choe Nicholas	Analysis of the Volatility of the Foreign Exchange Market: Time Series Modelling and a Malaysian Case Study	Sardar Islam	Abdullahi Ahmed	0.375 ^a
16. Md Saleh, Suhanah	'Population Ageing: Implications For Economic Growth In Malaysia'	George Messinis	Peter Sheehan	1
17. Mountain, Bruce	Policy Support for Low Emission Generation: Optimal Market and Subsidy Design	Peter Sheehan	--	1
18. Mukhtar, Ahmad	Pharmaceuticals Pricing under Compulsory Licensing	Peter Sheehan	Kim Sweeny	0.5
19. Musa, Ibrahim	Social Reporting in a Developing Economy: The Case of Coal Mining Companies in the East Kalimantan Region of Indonesia	Bhajan Grewal	Peter Sheehan	1
20. Ng, Gerald Soon	Essays on the Economics of Entrepreneurship	George Messinis	Peter Sheehan	0.5
21. Parker, Stephen	The Impact of Biofuel Use in Transport on the Food Sector	Peter Sheehan	Brantley Liddle	1
22. Pearce, Michael	Making Gods from Ordinary Mortals: The Growth of Professional Football as an Employment Form in Australia	Jamie Doughney	--	0.5

23. Sarun, Anuar	Corporate Governance, Accounting Risk and Earnings Quality in Malaysia: An Econometric Approach	Sardar Islam	Peter Sheehan	1
24. Setiyono, Wisnu	Agency Cost, Risk Management and Corporate Governance Mechanism: Evidence for Indonesian Firms	Sardar Islam	Peter Sheehan	0.5 ^b
25. Singh, Jasbir	The Theoretical and Empirical Relevance of Michal Kalecki's Economics to 21st Century Australia	Jamie Doughney	Segu Zuhair	0.5
26. Symons, John	Climate Change Risk Management in Corporations: A Capital Budgeting Approach	Sardar Islam	Peter Sheehan	0.5
27. Zakaria, Shabsuzan	Derivatives and Risk Management in Banks: Data Envelopment Analysis (DEA)	Sardar Islam	Bruce Rasmussen	1
28. Md Sohid, Faizah	Financial and Corporate Governance Analysis of Merger and Acquisition Decisions: An Optimization Approach	Sardar Islam	-	1
29. Phommasane, Sompasong	Privatization of State-owned Enterprises and Capital Market Development in Lao PDR	Adam Fforde	Peter Sheehan	1
30. Arifa, Choirunnisa	Hedge Accounting and Risk Management Strategies for Establishing Good Corporate Governance: An Integrated Optimisation Approach	Sardar Islam	-	1
31. Zirngast, Natalie	Does Failure to Ratify the Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) Hinder the Achievement of Women's Economic, Social and Cultural Rights? A Comparison of the Approaches of the US and Australia	Jamie Doughney	-	1
32. Riana, Nana	An Empirical Analysis of Liquidity and its Impact on Yield Volatility of Indonesian Government Bonds	Sardar Islam	Bruce Rasmussen	0.5 ^c
33. Wangmo, Chokey	Small and Medium Enterprise (SME) Financing Constraints in Developing Countries: Econometric Analysis and Development Policy Implications for Bhutan	Sardar Islam		1
Total PHDs FTE				26.625
DBA student name	Thesis title	Supervisor	Co-supervisor	FTE
1. Borromeo, John	Stock Market Anomalies and the Australian and National Stock Exchanges	Sardar Islam	Peter Sheehan	0.375 ^a
2. Etang, Desire	An analysis of factors determining top executive compensation, in family businesses, in developing countries?	Sardar Islam	Beverley Jacklin	0.5
3. Gonzalez, Victoria	Accounting Information, Capital Market Responses, Corporate Governance and Firm Performance	Sardar Islam	Colin Clark	0.5
4. Kobkitpanichpol, Surayouth	The Relationship Between Corporate Governance and Firm Performance: Evidence from the Stock Exchange of Thailand (SET)	Sardar Islam	Kim Sweeny	1
5. Then, Shaw	Auditing and Market Valuation of Stocks	Peter Sheehan	Alex Manzoni	0.5
6. Wardley, Neale	Greenhouse Gas Emissions Trading: The Extent of its Acceptance and the Factors Associated with Effective Implementation	Peter Sheehan	Abdullahi Ahmed	0.5
Total DBAs FTE				3.375

Notes: a. Part-time but on leave of absence for 3 months of 2013. b. Full-time but on leave of absence for one semester. c. Full-time, Semester 2 only.

5.2 PhD and DBA completions, since 2009

Table 5.2 Research student completions, 2009-2013

Year	PhD completions	DBA completions	Masters by Research	Total
2009	4	1	–	5
2010	3	2	–	5
2011	3	2	–	4
2012	4	2	–	6
2013	1	2	1	4

Source: FOBL Student Advice Officer.

5.3 Proportion of postgraduate research students employed within 3 months of completion

All CSES PhD students which graduated in 2013 were employed within 3 months of completion.

5.4 State award for PhD student

One of our PhD students received a state award recognising excellence in international education at the inaugural Victorian International Education Awards held at Government House. Chinese research student Catherine Xiaocui Lou was named the state's top postgraduate international student of 2013.

Catherine, who came to VU from Beijing in 2010 to embark on her PhD, was recognised for her outstanding academic achievements, as well as her contributions to VU and the broader Victorian community.

While conducting globally significant research into supply chain management and corporate governance using mathematical modelling, Catherine has been an inspirational leader to other international students. She serves as president of the VU Postgraduate Association and provides a voice for VU students with the Council of International Students (CISA), Australia's peak body representing international students. She has received numerous scholarships and awards, including the University's Jane Shou Memorial Scholarship for her work in information systems.

The prestigious award is a Victorian Government initiative designed to acknowledge the exceptional accomplishments of the estimated 150,000 international students in the state.

6. College Involvement

The Centre continued to make a significant contribution to the College of Business' research output.

6.1 Funds and in-kind contribution

The College of Business remains a key supporter of the Centre, and in particular has met the deficit generated by the Centre, and has provided a number of other cash and in-kind forms of support, including research incentives, for specific Centre activities. The support provided by many individuals within the management structure of the College of Business, from the Dean and Director of Research and Training down, is greatly appreciated.

6.2 Number of full-time equivalent of College of Business staff attributing work and grants through the Centre

The Centre has a wide variety of linkages with members of staff of other Departments and Centres within the College of Business. In 2013, the CSES had 43 research associates from a variety of departments within the university, the vast majority of which were within the College of Business. It also has 14 research associates from other organisations. See Appendix for the full list (as of September 2013) of research associates and their affiliations.

6.3 Listing of other activities demonstrating interaction between College of Business and Centre (& other Colleges)

DBA supervision

VISES staff supervised 6 DBA students in 2013 (see Section 5.1 for a list).

Teaching

Sardar Islam presented 2 guest lectures in 2013 for the DBA program subjects Corporate Governance and Performance Management.

Member of committee

Sardar Islam is Member of the Research Facilitation Unit, College of Business.

Joint doctoral supervision

Sardar Islam was joint doctoral supervisor with Prof. Colin Clark, Ricardo DiNatali, and Beverley Jacklin of the College of Business in 2013.

George Messinis co-supervises PhD student Ritexh Chugh (0.5 FTE), along with Josef Rojter (Lecturer, School of Engineering and Science) as Supervisor.

Collaborative research activities

Professor Beverly Jackling (FOBL) and Dr Sally Weller (CSES) from Victoria University received funding for a three-year ARC Linkage Grant in Round 2 of 2010. Other Chief Investigators were Paul De Lange (RMIT), Graeme Wines (Deakin University) and James Faulconbridge (University of Lancaster). The project is titled 'How Migration Reshapes Labour Markets: A Study of

Professional Service Firms'. Funding provided from July 2011-July 2014. Collaborating partners are the National Institute of Accountants, Adult Multicultural Education Services, RMIT University, University of Lancaster, Deakin University.

Brantley Liddle and Sidney Lung, Lecturer, College of Business, collaborated in publishing 2 journal articles in 2013.

7. External Collaboration and Partnerships

7.1 List of long-term (> than 2 years) strategic research collaborations with other research institutions

Table 7.1 Long-term research collaborations

Australian National University	Nankai University (PRC)
Central University of Finance and Economics (CUFE) (PRC)	Peking University (PRC)
Columbia University (US)	RMIT University
Curtin University	Swinburne University
Deakin University	Tsinghua University (PRC)
Florence University (Italy)	University of Lancaster (UK)
Loughborough University	University of Melbourne
Monash University	University of York (UK)
Nanjing Agricultural University (PRC)	

7.2 List of long-term (> 2 years) strategic research partnerships with external organisations

Table 7.2 Long-term research partnerships

APEC Life Sciences Innovation Forum
 Asian Development Bank (Manila)
 Asian Development Bank Institute (Japan)
 Association for Chinese Economic Studies (Australia)
 Australia China Business Council
 Australian Academy of Technological Sciences and Engineering (AATSE)
 Australian Centre for International Agricultural Research (ACIAR)
 Australian Chamber of Commerce and Industry (ACCI)
 Australia China Natural Gas Technology Partnership Fund
 Carbon Markets Economics
 Chinese Academy of Social Sciences (CASS)
 City of Melbourne
 Committee for Economic Development of Australia (CEDA)
 Committee for Melbourne
 CRC Bushfires
 CSIRO
 Danish Agency for Science, Technology and Innovation
 Department of State Development, Business and Innovation, Victoria
 Department of Industry
 Department of Premier and Cabinet, Victoria
 Department of Environment and Primary Industries, Victoria
 Department of Treasury and Finance, Victoria
 Eli Lilly (Australia)
 Energy Research Institute (ERI) (PRC)
 European Knowledge Exchange
 IMS Health
 Indira Gandhi Institute of Development Research (IGIDR) (India)
 Institute for Human Development (India)
 Intergovernmental Panel on Climate Change (IPCC)
 International Poverty Reduction Centre of China (IPRCC) (PRC)
 Joint Information Systems Committee (JISC) (UK)
 Key Perspectives Ltd (UK)
 Lateral Economics
 LeadWest (Vic)
 Medicines Australia

Melbourne Water
Merck Company Foundation (US)
Merck, Sharp and Dohme (Australia)
Ministry of Finance (PRC)
National Development and Reform Commission (PRC)
National Climate Change Adaptation Research Facility (NCCARF)
Organization for Economic Cooperation and Development (OECD)
Pfizer Pty Ltd
Scholarly Publishing and Academic Resources Coalition (SPARC) (US)
SEEK Ltd
Servier Laboratories (Aust) Pty Ltd
Smart Water Fund (Vic)
SURF Foundation (The Netherlands)
Swinburne Institute
The Danish Electronic Library (DEFF)
The Danish Ministry of Culture
The Deutsche Forschungsgemeinschaft (German Research Foundation) (DFG)
SMERU Research Institute
TradeData International
US PhRMA (US)
USAID
Victorian Centre for Climate Change Adaptation Research (VCCCAR)
Vietnam Institute for Trade (Ministry of Trade) (Hanoi)
Western Alliance for Greenhouse Action (WAGA) (Vic)
World Bank (US)
World Health Organization (WHO)

7.3 Advisory board

The current membership of the Centre's Advisory Board is:

Chair: Mr Peter Wilson, President, Australian Human Resources Institute
Mr Mark Burford, Director, Mitchell Institute
Ms Kathryn Fagg, Chairman, Melbourne Recital Centre and RBA Board Member
Mr Geoff Frankish, Executive Director, Head of Infrastructure, Goldman Sachs
Mr Ian Watt, Secretary, Prime Minister and Cabinet (Canberra)
Dean, College of Business (ex officio)
PVC Research and Research Training (ex officio)

7.4 Any measures or indicators of esteem

Visiting Professor

Sardar Islam: Advisor to the Enterprise and Social Development Research Center, School of Business Administration, Hong Kong Shue Yan University, Hong Kong. 2013, ongoing.

Reviewer of journal articles, 2013

Adam Fforde was reviewer for:
Asia Pacific Viewpoint
Asian Survey
Journal of Contemporary Asia
Policy and Politics
South East Asia Research

Sardar Islam was reviewer for:

European Journal of Operational Research
Journal of Modelling in Management
Social and Management Research Journal
International Journal of Monetary Economics and Finance

Brantley Liddle was reviewer for:

Energy Economics (twice)
Energy Policy (four times)
Transportation Research D
American Sociological Review
Ecological Economics
Energy Efficiency
Annals of the Association of American Geographers
International Review of Economics and Finance
Environmental Modelling and Software

Gayathri Mekala was reviewer for:

Urban Policy and Research
Regional Environmental Change
Journal of Environmental Studies and Sciences (from Springer, founding member)
Low Carbon Economy (Associate Editor)
Journal of Reviews on Global Economics
Frontiers in Energy Systems and Policy

Reviewer of conference articles

Gayathri Mekala was reviewer for 2 papers submitted to the 20th International Congress on Modelling and Simulation (MODSIM2013), Adelaide, 1-6 December 2013.

Assessor Australian Research Council Grant Applications

Roger Jones was reviewer for 3 ARC ECR applications in 2013

Editorial and other duties 2013

Jamie Doughney	Editorial Board Member	<i>Australian Universities Review</i> <i>International Gambling Studies</i>
Adam Fforde	Editorial Board Member	<i>Journal of Current Southeast Asian Affairs(GIGA – German Institute of Global and Area Studies, Germany)</i>
Bhajan Grewal	Editorial Board Member	<i>Public Finance and Management (Southern Public Administration Education Foundation, US)</i>
Tran Van Hoa	Editorial Board Member	<i>International Economics Studies(University of Isfahan, Iran)</i>
Sardar Islam	Editorial Advisory & Review Board Member	<i>Social and Management Research Journal (MARA University of Technology, Research Management Institute, Malaysia)</i>
	Editorial Advisory Board Member	<i>Journal of Modelling in Management(Emerald Group Publishing, UK)</i>
	Editorial Board Member	<i>International Journal of Monetary Economics and Finance (Inderscience Publishers, UK)</i>
	Editorial Board Member	<i>Journal of Accounting, Business and Management (Malangkucecwara School of Economics, Indonesia)</i>

	Editorial Board Member	<i>International Journal of Electronic Customer Relationship Management (Inderscience Publishers, UK)</i>
	Australia New Zealand Editor	<i>International Journal of Environmental Creation (Institute of Environmental Creation, Japan)</i>
Roger Jones	Associate Editor	<i>Atmospheric Science Letters, (Royal Meteorological Society, UK)</i>
Anthony Kent	Editorial Board Member and Production Editor	<i>Urban Policy and Research (Routledge)</i>
Brantley Liddle	Editorial Board Member & Founding Member	<i>Journal of Environmental Studies and Sciences (Springer)</i>
	Associate Editor	<i>Low Carbon Economy (Scientific Research Publishing, US)</i>
	Editorial Board Member	<i>Journal of Reviews on Global Economics (Lifescience Global, Canada)</i>
	Editorial Board Member	<i>Frontiers in Energy Systems and Policy</i>

Book reviews 2013

Sardar Islam reviewed the book *Financial Management and Accounting in the Public Sector*, (2nd edn) by Gary Bandy, Routledge.

Appendix

CSES Funding and Activities 2013

The Centre continued to make significant progress in expanding its research programs to achieve its overall objectives. This is evident in the comprehensive list of research activities provided in the table below, and in the Centre's research outputs for 2013 listed in the next section.

PROJECTS AND GRANTS RECEIVED – EXTERNAL Category 1	
ACIAR GRANT	<p>Chief Investigators: Bhajan Grewal and Peter Sheehan (CSES) and Jim Lang (TradeData International)</p> <p>Project title: Enabling Agricultural Policies for Benefitting Smallholders in Dairy, Citrus and Mango Industries of Pakistan</p> <p>Funding partner: Australian Centre for International Agricultural Research (ACIAR)</p> <p>Pakistani Partners: Planning Commission, Department of Agriculture Sindh, Department of Agriculture, Punjab, Department of Livestock and Dairy Development, Punjab, Department of Dairy and Fisheries, Sindh, University of Agriculture, Faisalabad, COMSATS IIT University, Abbottabad, and Pakistan Agricultural Research Council (PARC)</p> <p>Funding total: 2013-2016: \$903,643 (2013: \$155,236)</p> <p>CSES has been awarded funding of more than \$900,000 over three years for this project.</p> <p>ACIAR already had a number of projects in Pakistan, but this is the first Australian project which is focused on government policies in Pakistan, and among the first few that are focused on benefiting smallholders. The viability of smallholders is crucial for the sustainability of Pakistan's agriculture. The incidence of poverty in Pakistan has increased since 2005 and most smallholders are either poor or vulnerable or both. Yet, agricultural policies for improving the viability of smallholders are almost non-existent in Pakistan. In 2011, Pakistan also embraced a system of devolution, transferring responsibilities for agriculture to provincial governments. However, as a CSES Scoping Study (Grewal, Templeton and Lang 2012) found, provincial governments are highly deficient in capacity to formulate and implement policies, and effective coordination mechanisms do not exist when two or three levels of government are involved in the same policy.</p> <p>The aim of this project is to review existing policies and develop options, and evaluate and define implementation pathways for new enabling policies to improve the livelihoods of smallholders in the dairy, citrus and mango subsectors of the Punjab and Sindh provinces of Pakistan. A series of capacity-building workshops are scheduled to ensure policy interventions benefitting small farmers succeed by strengthening the policy-making capacity of provincial governments at the same time.</p> <p>The CIs will lead the evaluation of policy options through a benefit-cost analysis of each policy option under short-term and medium-term scenarios. Mr James Lang will undertake analyses of global market opportunities and exports from Pakistan of dairy products, citrus and mangoes for the project.</p> <p>A 2-day inception workshop was held in Pakistan on 26-27 November 2013. The Australian policy project team travelled to visiting the Australian High Commission for a meeting with Australian High Commissioner Mr Peter Heyward and Deputy High Commissioner Mr Paul Molloy. The workshop followed with 26 attendees from the Planning Commission, the various agriculture, livestock and dairy departments, ministries and information bodies, UAF, COMSAT, PARC, SDF, VU, TradeData International and ACIAR.</p>
ARC LINKAGE GRANT (LP0990297)	<p>Chief investigators: Sally Weller (CSES); W. N. Pritchard (University of Sydney); Margaret Alston (Monash University); M. J. Webber (University of Sydney), Anthony Kent (CSES)</p> <p>Project title: <i>Rural Adjustment or Structural Transformation? Discovering the Destinations of Exiting Farm Families</i></p> <p>Funding ARC: 2009: \$55,000; 2010: \$104,142; 2011: \$85,000; 2012: \$55,855; 2013: \$29,863; 2014: \$55,000, and 1 APA(I) Award</p> <p>Collaborating partner: Victorian Government, Department of Treasury and Finance (DTF).</p> <p>Partner funding 2013: \$50,000</p> <p>The findings of this research will assist local, State and Federal governments to intervene effectively in processes of regional and rural structural adjustment. It will generate economic benefits by recommending policies that facilitate growth and promote sustainable rural businesses, while at the same time sheltering rural communities and individual households from adverse outcomes. It will contribute social benefits by identifying policies to improve the outcomes of rural adjustment for families and individuals. The new knowledge it provides will inform the politics of regional change and remove some of the uncertainties that currently impede the implementation of rural adjustment</p>

	<p>policies. Two surveys have been carried out in 2010 and 2012.</p>
<p>ARC LINKAGE GRANT (LP120100309)</p>	<p>Chief Investigators: Prof. Julian Thomas (Director Swinburne Institute) and Prof. John Houghton (CSES)</p> <p>Partner Organizations: Swinburne Institute for Social Research, Victoria University, Australian Council for Educational Research, Eidos Institute, National Library of Australia, Library Board of Victoria</p> <p>Project title: Grey Literature, Policy Innovation and Access to Knowledge: Realising the Value of Informal Publishing</p> <p>Funding: ARC Linkage Grant, Swinburne</p> <p>Total funding 2013-2015: \$175,000</p> <p>This project examines the growth of informal research publishing, 'grey literature' in Australia, and the policies and practices that shape it. The project will make recommendations for producers, collecting institutions and policy-makers on how to maximise the considerable social and cultural benefit of 'grey literature'.</p>
<p>NCCARF GRANT</p>	<p>Chief Investigator: Roger Jones (CSES) and John Handmer (RMIT University)</p> <p>Other investigators: Peter Sheehan, Brantley Liddle and Gayathri Mekala (CSES), Rod Marsh (Net Balance Foundation), and Celeste Young (VCCCAR)</p> <p>Project title: Valuing Adaptation Under Rapid Change: Anticipatory Adjustments, Maladaptation and Transformation</p> <p>Partners: RMIT University, Net Balance Foundation, Northern Area Greenhouse Alliance and Bushfire CRC, VCCCAR (University of Melbourne)</p> <p>Funding: 2011-2012: \$175,000</p> <p>This grant was supported by the National Climate Change Adaptation Research Facility (NCCARF) at Griffith University, under the Adaptation Research Grants Program (ARGP). The project objective was to develop a robust economic methodology that supported decision-making on adaptation actions and investments ranging from adjustment to transformation. The methodology explicitly identified and responded to the limitations in current approaches. It drew widely from different disciplines and accounted for rapidly changing climatic and socio-economic factors.</p> <p>Activities in 2013 included:</p> <ul style="list-style-type: none"> • a final report produced in August 2013, titled Valuing Adaptation Under Rapid Change: Anticipatory Adjustments, Maladaptation and Transformation by Roger Jones, Celeste Young, John Handmer, Adriana Keating, Gayathri Mekala and Peter Sheehan • a research summary report titled Valuing Adaptation Under Rapid Change: Research Summary for Policy Makers by Roger Jones, Celeste Young, John Handmer, Adriana Keating, Gayathri Mekala and Peter Sheehan, August 2013 • a final workshop report prepared by Celeste Young and Roger Jones in May 2013, Beyond the Means Workshop: Final Report • a context paper prepared for the VCCCAR Annual Forum Regional Business Breakfast: Smart Futures in Geelong on 13 May 2013 Smart Futures: Regional Business Breakfast Roundtable Context Paper by Celeste Young and Roger Jones • five presentations and/or papers of results at the National Centre for Climate Change Adaptation (NCCARF) Knowledge and Partnerships Conference, Sydney, 25-27 June 2013: <ul style="list-style-type: none"> - An Inconvenient Curve: Moving Beyond the Mean in Adaptation Economics, Adriana Keating, John Handmer, Roger Jones, Celeste Young - Building Adaptation Capacity Through Narratives, Celeste Young, Roger Jones - The Scientific and Economic Origins of the Gradualist Adaptation Narrative and How to Move Beyond It, Roger Jones - Adaptation and Innovation: Reframing Adaptation Implementation, Celeste Young - Valuing Adaptation Under Rapid Change: Anticipatory Adjustments, Maladaptation and Transformation – Project Wrap, Roger Jones, Celeste Young, John Handmer, Adriana Keating, Peter Sheehan • an invited presentation of findings of the project, titled 'Adaptation at the Coalface: Local Government and Adaptation', DICCERTE (now known as the Commonwealth Department of Environment), Celeste Young, Canberra, 7 February 2013 • an invited presentation and paper 'To Value or Not to Value: That is the Question', at the Coastal Council's Conference NSW, C. Young, Sydney, 12-15 November 2013.
<p>ARC Linkage Grant (LP 110200629)</p>	<p>Chief investigators: Beverley Jackling (Victoria University, College of Business), Sally Weller (CSES, now Monash University), Paul de Lange Paul (RMIT), Graeme Wines (Deakin University), James Faulconbridge (University of Lancaster)</p>

Project title: How Migration Reshapes Labour Markets: A Study of Professional Service Firms

Funding: ARC Linkage grant

Total funding 2011-2014: \$187,000

This project focuses on the employment prospects of migrant accountants and the impact of migration on accountancy labour markets.

Although large numbers of accounting-qualified skilled migrants have settled in Australia in recent years, the financial services sector continues to complain of accounting (including auditing, financial planning and assessment) skill shortages. The persistent perceived mismatch between the needs of employers and the capacities of migrants trained in accounting is usually attributed to the skill deficiencies of migrants or to inadequacies in tertiary course content. This project will take a broader view of the problem and its likely solutions. It will draw on labour market segmentation theories to explore the impact of skilled migration on the Australian accounting labour market and to pinpoint the employment barriers faced by overseas born accounting graduates. It will generate practical policy solutions for the accounting industry, related professional services industries and migration policy.

Collaborating partners: National Institute of Accountants, Adult Multicultural Education Services, RMIT University, University of Lancaster, Deakin University

PROJECTS AND GRANTS RECEIVED – EXTERNAL Categories 2-4

ACNGTP & DRET

Chief investigators: Peter Sheehan and Alex English (CSES)

Partner Investigators: Jiang Kejun and Yang Yufeng (Energy Research Institute); Bruce Mountain (Carbon Markets Economics); John Phillimore (Curtin Business School);

Project title: A Regional Study of Increased Gas Use in Beijing and Guangdong, China

Funded by: Australia China Natural Gas Technology Partnership Fund (ACNGTP) and Department of Resources, Energy and Tourism (DRET), Canberra

Funding total 2011-2013: \$120,000 (2013: \$79,363)

The Australia China Natural Gas Technology Partnership Fund (the Fund) was established in 2002 as part of an historic agreement for Australia to supply LNG to China. The fund supports activities aimed at establishing genuine, long-term partnerships within the energy sector that create positive economic and environmental outcomes, increase knowledge and skills, particularly in the LNG industry, and enhance the relationship between Australia and China.

Based upon a Chinese-Australian collaborative research partnership, this project examined the major opportunities and constraints for rapidly increasing natural gas use through a comparative study in two economically significant regions: Beijing and the southern province of Guangdong. Further, it examined the key policies to either realise the opportunities or overcome these constraints, and how lessons can be learnt from these regional case studies so they can be effectively implemented within China. It was undertaken in conjunction with the Energy Research Institute of China, National Development and Reform Commission.

The final report [*The National and Regional Development of China's Gas Market: Beyond Evolutionary Change?*](#) was produced for the ACNGTP in December 2012 and approved and published online in January 2013.

Funding partners: Australia China Natural Gas Technology Partnership Fund, Australian Department of Resources, Energy and Tourism, Western Australia Department of State Development, LNG Partners and China National Development and Reform Commission

DCCEE & ERI

Chief investigators: Dr Alex English (CSES); Dr Jiang Kejun, Energy Research Institute (ERI), National Development and Reform Commission; Dr Xu He, College of Environmental Science and Engineering (CESE), Nankai University

Project title: Developing a Low Carbon Blueprint for China's Cities

Project partners: ERI and CSES

Funding partner: Department of Climate Change and Energy Efficiency (DCCEE), Canberra

Funding for this research project was based upon a collaborative partnership between CSES and Energy Research Institute (ERI). The funds were provided by DCCEE under the 'Shaping an International Solution to Climate Change Program'. Under the Program Shaping an International Solution to Climate Change funding is allocated to support practical projects to help strengthen bilateral climate change partnerships with key countries and engagement with geopolitical groupings.

The objective of the research project was to undertake analytical research and develop a policy roadmap for the transition to low carbon urban development by 2030 and a low carbon index system for both Beijing and Tianjin,

	<p>China.</p> <p>Key deliverables were:</p> <ul style="list-style-type: none"> • a Melbourne-based workshop and field trip in May 2012 for 15 Chinese officials, academic researchers and companies involved in the field of urban planning and development. • A field trip and workshops in Tianjin and Beijing in June 2012 for 9 Australian researchers. • A final report, including a policy roadmap, outlining how Beijing and Tianjin transition to low carbon urban development by 2030 titled <i>Developing a Low-carbon Roadmap for China's Cities</i>, delivered in 2013 to the Australian Department of Industry, Innovation, Climate Change, Science, Research and Tertiary Education.
<p>DCCEE – IPCC</p>	<p>Chief investigator: Roger Jones</p> <p>Project title: Intergovernmental Panel on Climate Change (IPCC): Fifth Assessment Report – Chapter ‘Foundations for Decision-making’</p> <p>Funding partner: Department of Climate Change and Energy Efficiency (DCCEE)</p> <p>Prof. Roger Jones was appointed Co-ordinating Lead Author of chapter ‘Foundations of Decision-making’ for the <i>Intergovernmental Panel on Climate Change Working Group II Fifth Assessment Report</i> due in 2014. The first lead author’s meeting was in January 2011 in Tsukuba Japan. The Zero Order Draft was delivered on 4 July 2011. Funding from DCCEE supported travel and accommodation for author’s meetings. Total funding is \$55,000.</p> <p>Work on the chapter continued during 2013 with the Zero Order Draft delivered on October 2013. The chapter and complete report will be finalised in March 2014.</p>
<p>SEEK</p>	<p>Chief investigators: George Messinis and Peter Sheehan</p> <p>Project title: SEEK Employment Index</p> <p>Funding partner: SEEK Limited</p> <p>Funding 2013: \$127,500</p> <p>The CSES continues with a joint research venture which commenced in 2005 with SEEK Limited in developing the SEEK Employment Index. The research team at CSES have developed the index, which is the first Australian indicator to directly compare labour market supply with labour market demand. The SEEK index has been created to complement existing indicators from the Australian Bureau of Statistics (ABS) and the ANZ jobs ads series.</p>
<p>PMNCH – WHO</p>	<p>Chief investigators: Peter Sheehan, Bruce Rasmussen and Kim Sweeny</p> <p>Project title: Investing in Maternal, Newborn and Child Health: Analysis of the Costs, Benefits and Returns</p> <p>Funding partner: The Partnership for Maternal, Newborn and Child Health (PMNCH), World Health Organization (WHO), Geneva</p> <p>Funding 2013: \$55,290</p> <p>Peter Sheehan was asked to work jointly with the Lancet Commission on Investing in Health (CIH), which was formed in December 2012. The CIH is chaired by Professor Lawrence H. Summers from Harvard University (who was chief economist at the World Bank in 1993) and co-chaired by Professor Dean T. Jamison from the University of Washington (the lead author of the World Bank <i>World Development Report 1993: Investing in Health</i> and a current senior fellow of the Centre for Disease Dynamics, Economics and Policy (CDDEP). Composed of twenty-five distinguished global experts in a range of disciplines. The ultimate goal of the CIH has been to draw lessons from past successes to inform current and future policies for addressing remaining global health problems.</p> <p>The work for the CIH involved a collaboration with WHO to undertake a study on the returns to large scale investments in reproductive, maternal and child health for a large number of countries.</p> <p>These results formed part of a paper published in 2013 in the PMNCH series Knowledge Summary: Women’s and Children’s Health no. 24, titled ‘The Economic Benefits of Investing in Women’s and Children’s Health’ (at http://www.who.int/pmnch/knowledge/publications/summaries/ks24/en/)</p> <p>Collaborating partners PMNCH paper: Australian AID, Boston University School of Public Health, Canadian Government, Family Care International, Institute for Clinical Effectiveness and Health Policy (IECS), International Federation of Gynaecology and Obstetrics (FIGO), Lund University, Norad (Norwegian Government’s agency for development cooperation), Swedish Government, UKAID, Victoria University, WHO and The World Bank</p> <p>The study results were then also published in November 2013 as a journal article in <i>The Lancet</i>, one of the world’s leading medical journals with a very high impact factor (ISI Impact Factor 39.06) titled: Advancing social and economic development by investing in women’s and children’s health: a new Global Investment Framework (19 November 2013). Hardcopy of the article was published in April 2014 (vol. 383, no. 9925, pp. 1333-1354, 2014).</p>

<p>DEPARTMENT OF STATE DEVELOPMENT AND BUSINESS INNOVATION</p>	<p>Chief investigators: Bruce Rasmussen, Alison Welsh, Neelam Maharaj and Kathleen Hurley (CSES), and Jim Lang (TradeData International Pty Ltd)</p> <p>Title of report: A Quantitative Analysis of Victoria's Key Exporters and Export Competitors</p> <p>Funding partner: Department of State Development, Business and Innovation (DSDBI)</p> <p>Funding 2013: \$50,000</p> <p>The objective of the project was to provide the Department with a quantitative analysis of Victoria's key exporters and export competitors. The Department nominated a list of 27 destination countries for Victorian exports for further examination.</p> <p>The output of the project was in two forms:</p> <ul style="list-style-type: none"> • a report describing the methodology, providing relevant analysis, and a summary of main findings and supporting tables; and • a set of Excel spread sheets forming a database of the value of Victoria's top exports, its exporters and its competitors in selected markets. <p>This project produced some highly detailed and potentially insightful data about goods exports, and the best possible list of Victoria's top exporters that can be gleaned from largely publically available information. It also provides an analysis of services exports, but one that is constrained by available data. Despite the data constraints, this analysis provided a picture of a complex and dynamic export sector.</p>
<p>DEPARTMENT OF INDUSTRY</p>	<p>Chief investigator: John Houghton</p> <p>Project title: Deliverables for Open Access Publishing</p> <p>Funding body: Department of Industry, Canberra</p> <p>Funding 2013: \$45,455</p> <p>This study was an analysis of the costs and benefits of adopting a whole-of-government open access policy in Australia, building on the 2009 JISC EI-ASPM report and other recent work, including cost models where possible. It took into account the investments already made through the Australian Scheme for Higher Education Repositories (ASHER) and other infrastructure-focused programs, and captured the effect of including provision for dissemination of research findings in the guidelines for grant programs.</p> <p>The research included detailed estimates of the costs and benefits of adopting a whole-of-government open access policy for government funded research and research conducted by and/or on behalf of government agencies at the national level.</p> <p>The research also undertook an examination of the possible effects of adopting an open access policy on scholarly publishing, including impact on authors and publishers of Australian content.</p> <p>The final report titled 'An Open Access Policy for Australia: An Economic Analysis' will be finalised in 2014.</p>
<p>LATERAL ECONOMICS</p>	<p>Chief investigator: John Houghton</p> <p>Project: Research for the Education Sector on Copyright Reform of Fair Use and Exceptions</p> <p>Funding partner: Lateral Economics</p> <p>This report was commissioned in 2013 by Lateral Economics as input to the education sector's submission to the Australian Law Reform Commission review of copyright. The report will be funded in 2014 for \$45,000.</p>
<p>JISC – BRITISH ATMOSPHERIC DATA CENTRE</p>	<p>Chief investigators: John Houghton (CSES), Neal Beagrie (Charles Beagrie Ltd UK)</p> <p>Report title: Value and Impact of the British Atmospheric Data Centre (BADC)</p> <p>Funding partners: Joint Information Systems Committee (JISC) and the Natural Environment Research Council (NERC)</p> <p>Funding 2013: \$37,764</p> <p>This report forms part of a series of independent studies produced by the same authors on the value and impact of three UK research data centres. These reports cover the Economic and Social Research Data Service (ESDS), the Archaeology Data Service (ADS), and the British Atmospheric Data Centre (BADC).</p> <p>The aims of these studies were to:</p> <ul style="list-style-type: none"> • extend the feasibility testing and development of the partners' economic and survey collection methods to the BADC; • further refine the economic methods used in the studies of ESDS and ADS, testing and proving them in a

	<p>different disciplinary area (science data); and</p> <ul style="list-style-type: none"> • develop ways to assess and quantify the economic value and impact of such research data collections and services, with the ultimate objective of improving their prospects for sustainability. <p>For the BADC study, the authors surveyed and analysed perceptions of the value of the digital collections held by BADC and quantified the value and impact of those collections for BADC's user community using a range of economic approaches. The study showed the benefits of integrating qualitative approaches exploring user perceptions and non-economic dimensions of value with quantitative economic approaches to measuring the value and impacts of research data services.</p> <p>Links to the three studies:</p> <p>Economic and Social Data Service (ESDS): http://www.esrc.ac.uk/images/ESDS_Economic_Impact_Evaluation_tcm8-22229.pdf</p> <p>British Atmospheric Data Centre (BADC): http://www.jisc.ac.uk/whatwedo/programmes/di_directions/strategicdirections/badc.aspx</p> <p>Archaeology Data Service (ADS): http://www.jisc.ac.uk/whatwedo/programmes/preservation/ADSImpact.aspx</p>
<p>JISC – ADS</p>	<p>Chief investigators: John Houghton (CSES), Neal Beagrie (Charles Beagrie Ltd UK), Julian Richards (Director, Dept of Archaeology, University of York) and Stuart Jeffrey (Deputy Director ADS)</p> <p>Lead institution: University of York</p> <p>Project title: Impact of the Archaeology Data Service (ADS): A Study and Methods for Enhancing Sustainability</p> <p>Funding partner: Joint Information Systems Committee (JISC)</p> <p>Total funding 2012-2013: \$43,205</p> <p>Funding 2013: \$21,705</p> <p>This project was undertaken by a consortium led by the University of York (the Archaeology Data Service) together with Charles Beagrie Limited (Neil Beagrie) and the Centre for Strategic Economic Studies Victoria University (Prof John Houghton).</p> <p>The project analysed and surveyed perceptions of the value of digital collections held by the ADS and how those perceptions of value can be measured. As part of this work, the economic impact of those collections was assessed and quantified with the ultimate objective of improving their prospects for sustainability. A range of methods and sources of data including investigating data from 1996-2011 on the growth of collections and users at ADS and how return on investment grows with the collections, were explored. There was a focus on remaining resources on one practical enhancement measure for adding value: communicating our findings on the value and economic impact of ADS to its key stakeholders. Finally, a major focus of the project (20%) was disseminating findings and recommendations on measuring impact and communicating that effectively to others, to the wider JISC and research data communities.</p> <p>The Archaeology Data Service (ADS) is an established national research data service hosted by the University of York and has built up a substantial user base in research and teaching amongst UK and international academics and students in archaeology and related disciplines.</p>
<p>MEDICINES AUSTRALIA</p>	<p>Chief investigator: Kim Sweeny</p> <p>Report title: The Impact of Further PBS Reforms</p> <p>Funding 2012: \$59,091</p> <p>Medicines Australia commissioned CSES to undertake a study of the impacts of further PBS reform legislated in 2010 on the industry, pharmaceuticals supply chain, Government and the consumers. Actual savings from the 2007 PBS reform package were compared with the savings estimated in the 2009 CSES study entitled <i>The Impact of PBS Reforms on PBS Expenditure and Savings</i>.</p> <p>The study also estimated the impact of further PBS reforms on PBS expenditure and savings in the time period to 2021.</p> <p>The report was launched in 2013 by Medicines Australia and received extensive media coverage (see Appendix for details).</p>
<p>BARRISTERS CHAMBERS LTD</p>	<p>Chief investigators: Bruce Rasmussen and Alison Welsh</p> <p>Report title: Analysis of Future Demand for Barristers Chambers</p> <p>Funding partner: Barristers' Chambers Ltd (BCL)</p>

	<p>Funding 2013: \$15,000</p> <p>The objective of this report was to determine if there is a basis on which the Barrister's Chambers can better project long-term demand to enable a more orderly development plan to be chosen.</p> <p>The key questions were:</p> <ul style="list-style-type: none"> • What demographic and other trends are key indicators of the demand for chambers generally and BCL chambers in particular? • What factors are most significant in determining the growth in the Victorian Bar? • Can these factors reasonably be used to project the future growth in the Victorian Bar and BCL chambers over the next 5 to 15 years.
SOCOM	<p>Chief investigators: Kathleen Hurley and Bruce Rasmussen</p> <p>Report title: Trends in Changing Business Location in 10 Interface LGAs</p> <p>Funding partner: SOCOM Consultants</p> <p>Funding 2013: \$10,000</p> <p>The objective of this study was to undertake an analysis of the DBI/Worksafe data on business establishments which maps the changes in the location of businesses in the ten interface council LGAs over the period 2001 to 2011.</p> <p>The report also contains commentary based on the business establishment data presented on the implications for the LGA, in terms of future jobs and industry growth and infrastructure needs.</p>
BROTHERHOOD OF ST LAURENCE	<p>Chief investigator: Bruce Rasmussen</p> <p>Project title: Data Preparation and Analysis: Employment Peak Body Consultancy</p> <p>Funding partner: Brotherhood of St Laurence</p> <p>Funding 2013: \$9,600</p>
VCCCAR	<p>Chief investigators: Celeste Young and Roger Jones</p> <p>Report title: Building Bridges: Supporting Adaptation in Industry Think Tank Context Paper</p> <p>Funding partner: Victorian Centre for Climate Change Adaptation Research (VCCCAR), RMIT, Melbourne</p> <p>Funding 2013: \$5000</p> <p>This context paper was prepared for the Building Bridges: Supporting Adaptation in Industry VCCCAR Think Tank workshop, held on 27 September 2013 in Melbourne, Australia.</p> <p>The workshop aims were to:</p> <ul style="list-style-type: none"> • identify the priority research areas needed to support private sector adaptation; • identify the key values and benefits of adaptation research for industry and business needed to support a business case for future research; and • understand more fully the resources needed for industry-focussed adaptation research.
MEDICINES AUSTRALIA	<p>Chief investigator: Kim Sweeny</p> <p>Report title: The Impact of Further PBS Reforms: Further Modelling with Different Assumptions about Biological Medicines</p> <p>Funding partner: Medicines Australia</p> <p>Funding 2013: \$5000</p>
CRN/CSIRO	<p>A three-year position was funded at CSES for a Postdoctoral Research Fellow by the Commonwealth Collaborative Research Network (CRN) and the CSIRO, with in-kind support from Greening the West (in 2013). Greening the West is an initiative that aims to deliver positive health and social outcomes and enhanced liveability for communities in the Western suburbs of Melbourne</p> <p>Dr Gayathri Mekala won the position and came to CSES in March 2012. Her research lies in the application of economic theory and principles to enhance our understanding of the linkages between institutional actors, rules, socio-economic factors, values and the bio-physical and/or built environments. Dr Mekala worked as a Scientific Officer (2002–2006) in the International Water Management Institute, South Asia Office (Hyderabad, India) where her chief role was research and has conducted various institutional studies related to urban agriculture and wastewater reuse and its impact on environment, livelihoods and gender. During her doctoral research in the Department of Resource Management, University of Melbourne, she conducted an in-depth institutional analysis</p>

	<p>surrounding wastewater management for Hyderabad and Melbourne case studies. She is well versed with a number of qualitative and quantitative research techniques and has applied them during the course of her research for the past ten years. She has a PhD from the Department of Resource Management at the University of Melbourne.</p>
PROJECTS AND GRANTS RECEIVED – INTERNAL	
VU RDGS	<p>Chief investigators: Roger Bodman and Roger Jones (CSES), Dr Brian O'Neill (National Center for Atmospheric Research, USA) and Prof P. Friedlingstein (University of Exeter), England</p> <p>Project title: Exploring Science: Policy Links for the New Generation of Climate Change Scenarios</p> <p>Funding 2013: \$23,158</p> <p>New scenarios developed for climate change research and IPCC assessments are being used to link earth systems and integrated assessment models. Although these new scenarios, the Representative Concentration Pathways, are appropriate for scientific research, their wider application to policy remains unclear.</p> <p>The investigators used the simple, probabilistic Earth system model to explore the links between this scenario framework and policy needs. This will enhance understanding of the climate science-policy nexus. Engagement with international modelling groups and attendance at expert meetings will result in high profile publications, along with a research program to position ourselves for future ARC research funding proposals.</p> <p>An important output from this funding was a journal article in <i>Nature Climate Change</i> (ISI Impact Factor 14.72) titled: Uncertainty in temperature projections reduced using carbon cycle and climate observations (vol. 3, pp. 725–729, 2013).</p>
VU RDGS	<p>Chief investigators: Gayathri Mekala and Roger Jones (CSES), and Dr D Hatton Macdonald (CSIRO)</p> <p>Project title: Urban Green Infrastructure: An Institutional Analysis</p> <p>Funding source: Victoria University Research Development Grant Scheme (RDGS)</p> <p>Funding 2013: \$14,240</p> <p>The aim of the study was to understand the current institutional design around urban green infrastructure management in an Australian urban local government area context and assess if it is optimal. The green infrastructure institution structure of the City of Brimbank has been analysed using the Institutional Analysis and Development (IAD) framework proposed by Ostrom et al. (1994). Data was collected through thirteen in-depth interviews with experts; a community forum with 29 participants; desktop study of secondary data; and an extensive literature review. The factors that were obstructing the key actors from achieving optimal outcomes for green infrastructure in the case study area were diagnosed, policy implications/recommendations were provided and future research areas were identified.</p>
PUBLICATION HIGHLIGHTS	
Report to Medicines Australia	<p>Sweeny, K. 2013, <i>The Impact of Further PBS Reforms</i>, Final Report to Medicines Australia, CSES, Melbourne, April.</p> <p>This report commissioned by the pharmaceutical industry shows the number of new drugs added to the PBS in 2011-12 was the lowest in two decades, with only 15 new medicines being added. New listings hit a high of 40 in 2009-10, but has declined in the two years since.</p> <p>The publication was reported in the newspapers and news of the day in many radio stations Australia-wide. See Media Coverage section below for details.</p>
PMNCH/WHO report and The Lancet journal article	<p>A CSES study on six Asian countries found significant returns on investment through increased productivity. For every dollar spent on key interventions for reproductive, maternal, newborn and child health (RMNCH), about US\$20 in benefits could be generated. These results formed part of a paper published in 2013 in the PMNCH series Knowledge Summary: Women's and Children's Health no. 24, titled 'The Economic Benefits of Investing in Women's and Children's Health' (at http://www.who.int/pmnch/knowledge/publications/summaries/ks24/en/)</p> <p>The study's findings were also published online in 2013 in the one of the world's leading medical journals <i>The Lancet</i> (ISI Impact Factor 39.06) titled: Advancing social and economic development by investing in women's and children's health: a new Global Investment Framework (19 November 2013). Hardcopy of the article was published in April 2014 (vol. 383, no. 9925, pp. 1333-1354, 2014).</p>
Nature Climate Change journal article	<p>Roger Bodman, in collaboration with scientists from the University of Melbourne, generated more reliable projections of global warming estimates at 2100 in an article published in one of the world's most prestigious scientific journals <i>Nature Climate Change</i> (ISI Impact Factor 14.72) titled: Uncertainty in temperature projections reduced using carbon cycle and climate observations</p>

	(vol. 3, pp. 725–729, 2013).
Book publication/ commentaries	<p>Fforde, A. 2013, <i>Understanding Development Economics: Its Place Within Development Studies</i>, Rowman and Littlefield, Boulder, Colorado.</p> <p>'By exploring the often tetchy and conflict-ridden boundaries between 'pure' economics and development practice, this book sheds important light on the strengths and weaknesses of each, and should help both sides understand and learn better from each other.' <i>Duncan Green, Oxfam</i></p> <p>'Don't be deceived by appearances: not only is this a comprehensive, scholarly, and practical textbook, it's also a rapprochement between the disciplines of development economics and development studies. These two approaches to development are too often separated ideologically, epistemologically and methodologically. Fforde's informed mediation is both timely and welcome. A 'must read' for undergraduates, postgraduates and professional scholars with an interest in international development. Prepare to be challenged!' <i>Peter Case, James Cook University, Australia</i></p> <p>'Adam Fforde is a long-standing sceptic when it comes to development economics, and in the wake of the global economic crisis he has written an important book that not only challenges the orthodoxies of development economics but also shows what development studies can learn by challenging the orthodoxies of development economics. Students of development economics and development studies will both benefit from engaging with the central arguments of <i>Understanding Development Economics</i>. It is a book that deserves to be widely read.' <i>Haroon Akram-Lodhi, Trent University, Canada</i></p>
Book publication	<p>McLaren, A., English, A., He Xinyuan and Ingram, C. (2013) <i>Environmental Preservation and Cultural Heritage in China</i>, Common Ground Publishing.</p> <p>Dr Alex English worked in partnership with Chinese local governments, researchers and NGOs in rural areas of western China on the role of participatory community engagement in addressing the dichotomy between governmental demands for short-term economic benefits and local sustainable development. The work found that an adaptive, entrepreneurial and participatory approach to management was able to overcome the development-conservation divide. In addition, the research found that tourism development can play a positive role in advancing environmental, socio-cultural and economic goals in and around protected areas, so long as local people are engaged in the economic and political decision making processes. Furthermore, through an adaptive and participatory style of management, tourism together with natural and cultural heritage protection can be gradually synergised to achieve 'sustainable development'. The research has also provided additional insights into understanding the evolving relationship between local communities, rural development, the state and the natural environment.</p>
Journal article usage	<p>Tran Van Hoa and Limskulb, K. 2013, 'Economic impact of CO2 emissions on Thailand's growth and climate change mitigation policy: A modelling analysis', <i>Economic Modelling</i>, vol. 33, pp. 651-658. ISSN 0264-9993.</p> <p>Article was downloaded 338 times by December 2013.</p>
CSES CONFERENCES, SEMINARS AND WORKSHOPS	
VICES Science Policy Nexus Workshop	<p>Roger Bodman, Roger Jones and Celeste Young organised an invitation-only workshop titled <i>The Science Policy Nexus: Assessing Climate Policy in an Imperfect World</i> held in Melbourne on 22 November 2013. It was part of a research project Exploring Science-policy Links for the New Generation of Climate Scenarios being conducted at CSES. The project was funded by a research grant from Victoria University supporting postdoctoral research work being undertaken by Roger Bodman.</p> <p>The overall aim of the workshop was to better understand how the results from climate modelling research work, as exemplified by the IPCC's Fifth Assessment Report, are understood by users outside of the climate modelling community.</p> <p>A context paper was prepared by Roger Bodman, Roger Jones and Celeste Young in advance of the workshop to provide background reading titled 'The science-policy nexus: Assessing climate policy in an imperfect world' (CSES Working Paper No.18).</p> <p>Mr Erwin Jackson, Deputy CEO, The Climate Institute presented on the policy environment, Dr Brian O'Neil, CSES visitor from the National Center for Atmospheric Research (NCAR) in Boulder Colorado presented on the science environment, Prof. Roger Jones presented on the history of climate policy and Dr Roger Bodman presented on climate change uncertainty. After a series of scenario exercises, Mr Ian Carruthers, former Division Head in the Commonwealth Department of Climate Change and Energy Efficiency and lead negotiator for Australia with the UNFCCC, summarised the day's findings.</p> <p>The workshop report will be finalised in 2014.</p>
VCCCAR	Celeste Young and Roger Jones co-developed a think tank workshop with the Victorian Centre for Climate Change

<p>workshop</p>	<p>Adaptation Research (VCCCAR) at RMIT, in Melbourne on 27 September 2013, titled 'Building Bridges: Supporting Adaptation in Industry'. They wrote the context paper (Building Bridges: Supporting Adaptation in Industry) and were co-conveners.</p> <p>The workshop aims were to:</p> <ul style="list-style-type: none"> • identify the priority research areas needed to support private sector adaptation; • identify the key values and benefits of adaptation research for industry and business needed to support a business case for future research; and • understand more fully the resources needed for industry-focussed adaptation research.
<p>Other workshops</p>	<p>Gayathri Mekala, Roger Jones and Celeste Young organised a Brimbank Community workshop on 15 November 2013, 'Opening the Door', held in Melbourne. It included local council and members of the community.</p> <p>Celeste Young and Roger Jones prepared a context paper for the VCCCAR Annual Forum Regional Business Breakfast: Smart Futures in Geelong on 13 May 2013 titled Smart Futures: Regional Business Breakfast Roundtable Context Paper.</p> <p>Celeste Young and Roger Jones presented a workshop at the XIX International Conference of the Society for Human Ecology, organised by the Fenner School of Environment and Society, Australia National University, and held in Canberra on 5-8 February 2013. It was titled 'Creative Processes as Tools for Decision Making'. It was part of the NCCARF project Valuing Adaptation of Social and Natural Assets under Rapid Climate Change.</p> <p>Celeste Young organized a Climate Adaptation Pathways Workshop, for the Department of Industry, Innovation, Climate Change, Science Research and Tertiary Education, in Canberra on 14-15th April.</p>
<p>Public lecture Brian O'Neill</p>	<p>O'Neill, B. 2013, 'Population Growth and Climate Change: International and Australian Challenges', public lecture presented at the College of Business, Victoria University, Melbourne, 20 November.</p> <p>A leading researcher from the National Center for Atmospheric Research (NCAR), Dr Brian O'Neill, visited the CSES during November 2013 for a series of meetings and staff consultations. Brian leads the Integrated Assessment Modeling group at NCAR, Boulder, Colorado. During the period 2005-2009, he founded and led the Population and Climate Change Program at the International Institute for Applied Systems Analysis (IIASA) in Austria. He is also a lead author for the Intergovernmental Panel on Climate Change's (IPCC) Fifth Assessment Report. His research interests are in the field of integrated assessment modeling of climate change, which links socio-economic and natural science to the climate change issue in order to address applied, policy-relevant questions.</p> <p>Dr. O'Neill addressed the challenges posed by population growth and demographic change to climate change. This involves looking at demographic influences on emissions (population size, aging, urbanization, education), and on vulnerability (spatial projections and exposure to extremes, influence on development indicators like HDI). Two perspectives were offered: the global scale and the national scale.</p>
<p>CSES seminars</p>	<p>Young, C.K. 2013, 'The Art of Engagement: How to Increase Understanding and Uptake of Research Through Effective Communication', seminar paper presented at the College of Business Research Seminar Series, Victoria University, Melbourne, 3 October.</p> <p>Cheng, E. 2013, 'Major Challenges to China's Contemporary Economy', seminar paper presented at the College of Business Research Seminar Series, Victoria University, Melbourne, 22 October.</p> <p>The seminar addressed the major challenges to the Chinese economy, with a focus on the need for and obstacles to financial liberalisation, and reforms of the inter-governmental fiscal relations. The seminar discussed other challenges, including demographic changes, urbanisation and the potential for agricultural growth.</p> <p>Messinis, G. 2013, 'Returns to Education and Urban-Migrant Wage Differentials in China: IV Quantile Treatment Effects', seminar paper presented at the College of Business Research Seminar Series, Victoria University, Melbourne, 10 December.</p> <p>This seminar presented new evidence on urban-rural migrant wage differentials of workers in full-time employment in China. It employed matching techniques, and IV estimation methods to evaluate conditional and unconditional quantile treatment effects for education and for migrant status.</p> <p>Agarwal, P. 2013, 'Higher Education and Federalism in India: Recent Trends and Challenges', seminar paper presented at the College of Business Research Seminar Series, Victoria University, Melbourne, 18 December.</p> <p>Dr. Pawan Agarwal is a former Fulbright New Century Scholar and currently a Visiting Professor at the Australia India Institute at the University of Melbourne. He presented the paper on 13 December 2013 at Victoria University, the meeting was chaired by the VU Vice-Chancellor Professor Peter Dawkins,</p> <p>Dr. Agarwal is an advisor to India's apex policy making think tank, the national Planning Commission, where he is developing India's higher education policies for the 12th Five Year Plan. He earlier served as Director in the Ministry of Human Resource Development, as well as Financial Advisor and Coordinator of new initiatives of the University Grants Commission – a position in which he developed substantial expertise in higher education policy</p>

and practice, and gained a broad understanding of the issues and challenges faced by India's universities and colleges. He has also held important positions in the West Bengal Government as Principal Secretary, Cooperation Department, Secretary, Science and Technology and Municipal Affairs Departments. He is also the author of a book titled *Indian Higher Education: Envisioning the Future*.

Student seminars Sardar Islam held weekly seminars during 2013 where his postgraduate students present their work.

PARTICIPATION IN HIGH LEVEL CONFERENCES, SEMINARS AND WORKSHOPS

Participation in APEC LSIF High-Level Meeting Established by APEC Leaders in 2002, the APEC Life Sciences Innovation Forum (LSIF) has since grown to become APEC's leading initiative on health and health sciences innovation. It is a tripartite forum that engages representatives from the highest levels of government, industry and academia to create the right policy environment for life sciences innovation. Peter Sheehan is Co-chair of the APEC LSIF.

In 2013, Government of Indonesia as host of APEC 2013 agreed to work closely with the LSIF Board and Chair of the LSIF Planning Group on a health and life sciences agenda that supported Indonesia's priority of sustainable growth with equity. Peter Sheehan, as Co-chair of LSIF attended the meeting. Recommended outcomes were supported by Ministers in Annex E to the 2013 Ministerial Declaration and subsequently by Leaders. Ministers also approved supporting work products that were offered for consideration by the LSIF Chair and Co-Chairs on behalf of the Board (2013/AMM/011) as referenced in the Committee on Trade and Investment Annual Report.

On 24-25 September 2013, Peter Sheehan was invited to the 3rd APEC High Level Meeting on Health and the Economy, held in Bali, Indonesia. These meetings are the culmination of the APEC health and life sciences work in any one year. It brought together interested Ministers, high level health economists (includes Nobel Laureate Ken Arrow), research scientists and industry experts to discuss and agree on key high level outcomes and further work for APEC's consideration.

Participants concluded that the continued prosperity of the region is predicated on an ability to provide citizens with quality health care through systems that are sustainable and responsive to the health problems and health care demands of our people. Peter Sheehan was discussant in Session 1: Health Economic Growth, and the Goal of Building a Sustainable Health System. He also provided a Review of Day 1 Recommendations.

Following that, on 11-14 November 2013, Peter Sheehan attended a series of meetings organised by the APEC LSIF, in Beijing, which included a pre-meeting with the National Centre of Disease Control to finalise MOU; and meetings with the China National Health Development Research Centre and National Centre for Climate Change (NDRCC). These were planning meetings for the upcoming APEC health activities in China in 2014.

PMNCH and Lancet Commission

Peter Sheehan was asked to work jointly with the Lancet Commission on Investing in Health (CIH), which was formed in December 2012. The CIH is chaired by Professor [Lawrence H. Summers](#) from Harvard University (who was chief economist at the World Bank in 1993) and co-chaired by Professor [Dean T. Jamison](#) from the University of Washington (the lead author of the *World Development Report 1993: Investing in Health* and a current senior fellow of the Centre for Disease Dynamics, Economics and Policy (CDDEP). Composed of [twenty-five distinguished global experts](#) in a range of disciplines. The ultimate goal of the CIH has been to draw lessons from past successes to inform current and future policies for addressing remaining global health problems.

The work for the CIH involved a collaboration with WHO, and with Kim Sweeny and Bruce Rasmussen of VISES, to undertake a study for a large number of countries on the returns to large scale investments in reproductive, maternal and child health.

Peter Sheehan attended a 2013 meeting in Geneva on 1 March 2013, which was an investment framework working group meeting on economic returns of investing in reproductive, maternal, newborn and child health (RMNCH) and a convention of the Partnership for Maternal, Newborn and Child Health (PMNCH). The lead paper prepared by CSES and discussed by Dean Jamison, University of Washington, chair of the Lancet Commission on Investing in Health. He was supportive of the paper. The meeting was chaired by Larry Summers (Prof. at Harvard, former US Treasury Secretary under Clinton) and the co-chair was Jamison. Kenneth Arrow also participated.

Following that the Lancet Commission held a meeting in Oslo on 19 March 2013, tied to NORGARDE (similar to AusAID but in Norway). Flavia Bustreo (Assistant Director General, Family, Women's and Children's Health, World Health Organization and previous Director of PMNCH invited Peter Sheehan to attend the meeting. WHO funded accommodation and travel expenses.

Later in 1-2 May 2013, Prof. Dean Jamison and Prof. Larry Summers invited Peter Sheehan to attend the Lancet Commission on Investing in Health (CIH) Meeting on the Economics and Financing of Health held in San Francisco. CIH provided funding for travel and accommodation. In 13-14 June 2013, Peter Sheehan was invited to a meeting in Venice of the Partnership for Maternal, Newborn and Child Health (PMNCH) and WHO Study Group: Global Investment Framework for Women's and Children's Health. He attended as Temporary Advisor to the WHO meeting as member of the Global Investment Framework for Women's and Children's Health Meeting of the Study Group, to provide feedback on methods and preliminary findings of the analytical work informing the investment framework, and how to take that framework forward within the broader global health agenda to ensure relevance for policy,

	<p>programming and financing for women's and children's health, and for maximum benefit to countries. Peter Sheehan presented a paper titled 'The Economic Returns to Investing In Women's and Children's Health', written by Peter Sheehan, Kim Sweeny and Bruce Rasmussen. WHO provided funding for travel expenses.</p>
The Economist conference	<p>Despite the heterogeneity of the region, a nascent 'Asian model' of healthcare is in the process of forming. More than 200 senior government officials, policymakers, C-suite executives and academics met at The Economist's 4th annual Healthcare in Asia Summit: : Adding Value to Care in Kuala Lumpur, Malaysia on 21-22 March to discuss this issue, with a focus on the question of how value in healthcare is defined.</p> <p>Speakers at the Summit included Malaysian Health Minister Liow Tiong Lai, Philippines Finance Secretary Cesar V. Purisima, Taiwan Deputy Minister of Health Lin Tzou-Yien, Hong Kong Undersecretary for Health Sophia Chan Siu-chee, Indonesian Director-General for Health Effort Akmal Taher, and Thai National Health Security Office Director General Winai Sawasdivorn. Representatives of The World Bank, World Health Organisation, University of Toyko, Yonsei University Seoul, George Institute for Global Health, IBM, Pfizer, Victoria University, and Johns Hopkins Medicine International rounded out a full programme.</p> <p>Peter Sheehan was invited discussant to the conference with funding provided for travel and accommodation.</p>
42nd Australian Conference of Economists 2013	<p>Andriansyah and George Messinis presented a paper, published in the proceedings of the 42nd Conference of Economists held in Perth on 7-10 July 2013, titled Equity markets and economic development: Does the primary market matter? (at http://www.murdoch.edu.au/School-of-Management-and-Governance/Australian-Conference-of-Economists/)</p>
Overseas visit	<p>Roger Bodman visited researchers in the USA and United Kingdom for two weeks during May 2013 as part of a VU Research Development Grant project. The trip was aimed at discussing aspects of new emissions scenarios and modelling results related to the forthcoming IPCC Fifth Assessment Report.</p> <p>Discussions were held at the National Center for Atmospheric Research (NCAR), Boulder, CO, with a focus on the development process for the Representative Concentration Pathways (RCPs). This set of new scenarios is being used by climate modelling groups around the world for the Fifth Climate Model Intercomparison Project (CMIP5) that will form the basis for climate projections in the next IPCC assessment report. A further set of Shared Socio-economic Pathways (SSPs) are being developed to explore the underlying drivers that give rise to greenhouse-gas emissions. The visit to NCAR provided access to some of the most recent research on these topics. Meeting were held with individual researchers including Brian O'Neill, who leads the Integrated Assessment Modelling team there, as well as Bastiaan van Ruijven, Ben Sanderson, Jean-Francois Lemarque and Claudia Tebaldi. Roger also presented some of his research work and discussed opportunities for ongoing collaboration on topics of mutual interest.</p> <p>At the University of Exeter, UK, discussions were held with Professor Pierre Friedlingstein, Chair in Mathematical Modelling of the Climate System on the latest CMIP5 results. In particular, results from the fully coupled complex Earth System Models were examined and compared to results from Roger's reduced complexity Earth System Model. A number of topics were identified for ongoing collaborative research, both with Pierre but also potentially linking to some other international researchers. In a meeting at the Met Office Hadley Centre, Exeter, different aspects of climate modelling were discussed with Chris Jones, Head, Earth System and Mitigation Science Team, as well as Glen Harris and Ben Booth.</p>
Invited expert and guest	<p>John Houghton was invited expert to IFLA Futures Meeting held in Mexico City on March 2013, details at http://www.ifla.org/news/ifla-hosts-trend-report-meeting-at-unam-mexico-city. Submissions http://trends.ifla.org/files/trends/assets/ifla-trend-report-expert-submissions_full-text_2013-02-27.pdf</p> <p>He was also invited guest to Berlin11, held in Berlin on November 2013, celebrating the 10th anniversary of the Berlin Declaration, details at http://www.berlin11.org/</p>
Invited keynote speaker	<p>Sardar Islam was invited keynote speaker at 2 international events, the 5th International Conference on Corporate Governance, organised by the Accounting Research Institute, Universiti Teknologi MARA, Malaysia on 18-19th November 2013 and the 2nd Macao International Symposium on Accounting and Finance 2013, organised by the Macao Accounting and Finance Association, Macao Polytechnic Institute, Macao on 24-27 November 2013.</p> <p>Islam, S. 2013, 'Accounting Risk: Analysis, Management, Modeling and Governance', invited keynote speaker at the 2nd Macao International Symposium on Accounting and Finance, Macao Accounting and Finance Association, Macao Polytechnic Institute, Macao, 24-27November 2013.</p> <p>Islam, S. 2013, 'Corporate Governance and Accounting Management: The Accountants' Role', invited keynote presentation at the 5th International Conference on Corporate Governance, Accounting Research Institute, Universiti Teknologi MARA, Selangor, Malaysia, 18-19 November 2013.</p>
Other international	<p>Fforde, A. 2013, 'Economic Developments in Vietnam and Indonesia: A Comparative Perspective', paper presented at a seminar, Leiden University, Leiden, The Netherlands, 10 June 2013.</p>

invited presentations	<p>Fforde, A. 2013, Vietnam as an Immitant to Mainstream Dogmas: Reflections', seminar paper presented at the Forum for Asia Studies, Stockholm University, Stockholm, 5 June 2013.</p> <p>Little, B. 2013, 'Nonlinearities in the GDP-carbon relationship', paper presented at the NCAR IAM Group Annual Meeting, National Center for Atmospheric Research, Boulder, CO, 20 August.</p>
Chair PhD colloquium	Sardar Islam was Chair of the PhD colloquium at the 5th International Conference on Corporate Governance, on 18-19 November 2013, organised by the Accounting Research Institute, Universiti Teknologi MARA, Kuala Lumpur, Malaysia
Invited key discussant	Tran Van Hoa was invited key discussant, at the International Conference on Private Sector Development in Vietnam with Australian Experience, Foreign Trade University, Hanoi, 16 December 2013.
Session chair	Celeste Young, was invited to be session chair at the 'Innovation Learning-Creating Communities of Practice' session held at the XIX International Conference of the Society for Human Ecology, Fenner School of Environment and Society, Australia National University, Canberra, 5-8 February 2013.
Other invited papers and presentations	Other CSES staff were invited to present 25 papers or presentations at high level meetings. They also presented 18 papers at a series of conferences and meetings. See section CSES Detailed Research Publications and Output 2012 below for details.
OTHER ACTIVITIES AND ACHIEVEMENTS	
Coordinating Lead Authors IPCC Report	<p>In May 2010, Roger Jones was appointed Coordinating Lead Author of Chapter 2, Foundations for Decision-making, of the Working Group II contribution to the <i>Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (AR5)</i>. This was the first step in a 4-year drafting process, with the Working Group II volumes scheduled for completion in 2014.</p> <p>The IPCC was established in 1988, under the joint sponsorship of the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP), to assess the major scientific and technical issues confronting governments and other parties interested in climate change. Through its reports, methodologies, workshops, and expert meetings, the IPCC has become a primary source of independent scientific information for governments and other stakeholders. Before the reports are released, they are subjected to extensive and open peer review, plus review by governments, before being accepted by the IPCC to ensure that they are scientifically valid, comprehensive, balanced, and relevant to deliberations of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC). The IPCC does not conduct or fund original research, monitor climate-related data, or make policy recommendations.</p> <p>In October 2013, the final draft of the chapter was submitted. Celeste Young was a contributing author.</p>
Mention in <i>Nature</i>	<p>John Houghton's work was mentioned in an article in <i>Nature</i>:</p> <p>Van Noorden, R. 2013, 'The true cost of scientific publishing: Cheap open-access journals raise questions about the value publishers add for their money', <i>Nature</i>, vol. 495, pp. 426-429, at http://www.nature.com/news/open-access-the-true-cost-of-science-publishing-1.12676</p> <ul style="list-style-type: none"> • 'The connection between price and selectivity reflects the fact that journals have functions that go beyond just publishing articles, points out John Houghton, an economist at Victoria University in Melbourne, Australia...' • 'These arguments, Houghton says, are a reminder that publishers, researchers, libraries and funders exist in a complex, interdependent system...'
Advisor to research centre	In 2013, Sardar Islam was appointed Advisor to the Enterprise and Social Development Research Center, School of Business Administration, Hong Kong Shue Yan university, Hong Kong. This is an ongoing appointment.
Proposal shortlisted	A VISES proposal by Roger Jones and Celeste Young was shortlisted by the Bushfire and Natural Hazards CRC. They were invited to present the project scope in Melbourne on 22 May 2013. 36 out of 190 proposals were shortlisted. In 2014, VISES received the funding requested.
State award	Catherine Xiaocui Lou, a VISES PhD student, received a state award recognising excellence in international education at the inaugural Victorian International Education Awards held at Government House. See Section 4.4 for details.
New staff at CSES	<p>Celeste Young joined CSES in March 2013 at 0.8 FTE.</p> <p>Celeste Young is a sustainability/climate change professional who works as a communication and operational</p>

	<p>specialist with a particular interest in innovation and the use of creative and business processes. Her primary work focus is with trans-disciplinary projects across diverse stakeholders to build greater understanding and capacity. She has worked for organisations such as BAE Systems, the Western Alliance For Greenhouse Action (WAGA), the Victorian Centre for Climate Change Adaptation Research (VCCCAR) and most recently, Victoria University as a Research Manager and Researcher with the National Climate Change Adaptation Research Facility (NCCARF) project 'Valuing Adaptation Under Rapid Change'.</p> <p>Celeste has developed a number of strategies and plans related to sustainability and Climate Change for organisations including RMIT University, VCCCAR, WAGA, Envirogroup and Victoria University. She has also developed a number of programs relating to the communication of climate change and implementation of actions. Her program Smart Sustainable Secure received a BAE Recognition Achievement Award and her innovation learning program, Council Connections was recently featured in the Victorian State Adaptation Plan.</p> <p>Her communication framework which was presented in poster form at the NCCARF Conference 2012, Adaptation in Action and won the best overall poster prize. This framework was based upon successful communication processes across industry, the arts, not for profit organisations, government sectors and research bodies. It is currently used by researchers and practitioners in the adaptation sector globally and has been translated into Spanish. Her particular research interests are: Innovation, communication and implementation in the area of sustainability and climate change.</p> <p>She has experience working in diverse sectors such as government (all levels), research, community, arts and industry sectors and has extensive networks as a result. Celeste has a particular interest in the Western Region of Melbourne where she has lived for the last 18 years.</p> <p>Celeste speaks regularly at seminars on the subjects of communication and implementation relating to climate change and sustainability. She has served on a number of steering committees.</p>
UNNA activity	Adam Fforde was acting UN Secretary General at the Yarra Valley United Nations Association of Australia (Victorian Division) Model UN Conference on 30 April 2013, provided as a learning experience for students.
Theses completed	Four research students completed their thesis (1 PhD, 2 DBAs and 1 Master) in 2013. See Table 4.3 above for details of names and thesis titles.
New PhD Students	<p>Sompasong Phommasane, PhD, supervisor Adam Fforde, 'Privatization of State-owned Enterprises and Capital Market Development in Lao PDR', commenced Semester 1 2013</p> <p>Natalie Zirngast, PhD, supervisor Jamie Doughney, 'Does Failure to Ratify the Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) Hinder the Achievement of Women's Economic, Social and Cultural Rights? A Comparison of the Approaches of the US and Australia', commenced Semester 1, 2013</p> <p>Choirunnisa Arifa, PhD, supervisor Sardar Islam, 'Hedge Accounting and Risk Management Strategies for Establishing Good Corporate Governance: An Integrated Optimisation Approach', commenced Semester 1, 2013</p> <p>Faizah Md Sohid, PhD, supervisor Sardar Islam, 'Financial and Corporate Governance Analysis of Merger & Acquisition Decision: An Optimization Approach', commenced Semester 1, 2013</p> <p>Nana Riana, PhD, supervisor Sardar Islam, 'An Empirical Analysis of Liquidity and its Impact on Yield Volatility of Indonesia Government Bond', commenced Semester 2, 2013.</p>
Visiting Professor	Dr Brian O'Neil: see Section 3.2 for details.
Visiting PhD student	Ma Xiao PhD candidate: see Section 3.2 for details.

CSES Detailed Research Publications and Output 2013

Publications and research outputs achieved by the Centre in 2013 are listed in full below.

Authored books (HERD category)

Book details	HERDC Points
1. Fforde, A. 2013, <u>Understanding Development Economics: Its Place Within Development Studies</u> , Rowman & Littlefield, Boulder CO. ISBN 978-0-415-86983-6.	5
2. McLaren, A., English, A., He, X. and Ingram, C. 2013, <u>Environmental Preservation and Cultural Heritage in China</u> ,	1.25

Common Ground Publishing, Champaign, IL. ISBN 978-1-61229-130-7.	
3. Jones, R.N., Young, C.K., Handmer, J., Keating, A., Mekala, G.D. and Sheehan, P. 2013, <u>Valuing Adaptation under Rapid Change</u> , National Climate Change Adaptation Research Facility, Gold Coast, Australia. ISBN: 978-1-925039-27-6.	3.33
TOTAL HERDC Points	9.58

Book chapters, 2013 (HERD category)

Chapter details	HERDC Points
1. Houghton, J.W. 2013, 'Economic implications of alternatives scholarly publishing models', in D. Baker and W. Evans, (eds), <u>Handbook of Digital Library Economics</u> , Chandos Publishing, Oxford, pp.125-141. ISBN 9781843346203.	1
2. Tran, J. 2013, 'India-ASEAN Trade, FDI and Growth: Exploring Challenges and Opportunities Post-global Financial Crisis', in S. Ahmed (ed.), <u>Foreign Direct Investment, Trade and Economic Growth</u> , Routledge, United Kingdom, pp. 25-46. ISBN 978-0-415-66213-0.	1
TOTAL HERDC Points	2

Other book chapters

Houghton, J.W. (2013) 'ICT, the environment and climate change', in eds. Ang, P.H. and Mansell, R. *The International Encyclopedia of Digital Communications and Society*, New York: Wiley-Blackwell.

Journal articles refereed, 2013 (HERDC category)

Article details	HERDC points	ISI Impact Factor	SCImago
1. Ahmed, A. and van Hulst, A. 2013, 'Financial globalization in Botswana and Nigeria: A critique of the thresholds paradigm', <u>Review of Black Political Economy</u> , DOI 10.1007/s12114-013-9170-x. ISSN 0034-6446.	0.5	-	Q3
2. Bodman, R.W., Rayner, P.J. and Karoly, D. J. 2013, 'Uncertainty in temperature projections reduced using carbon cycle and climate observations', <u>Nature Climate Change</u> , doi:10.1038/NCLIMATE1903. ISSN 1758-678X.	0.3	14.72	Q1
3. Craven, B. and Islam S.M.N. 2013, 'An optimal financing model: Implications for existence of optimal capital structure', <u>Journal of Industrial and Management Optimization</u> , vol. 9, no. 2, pp. 431-436. ISSN 1547-5816.	0.5	-	Q2
4. Fforde, A. 2013, 'The politics of civil society organisation in Cambodia and Vietnam', <u>European Journal of East Asian Studies</u> (EJEAS), vol. 12, pp. 35-53, ISSN: 1568-0584.	1	-	Q2
5. Fforde, A. 2013, 'Post-cold war Vietnam: Stay low, learn, adapt and try to have fun – but what about the party?', <u>Contemporary Politics</u> , vol. 19, no. 4, pp. 379-398. ISSN 1356-9775.	1	0.635	Q1
6. Fforde, A. 2013, 'Vietnam in 2012: The end of the party', <u>Asian Survey</u> , vol. 53, no. 1, pp. 101-108. ISSN 0004-4687.	1	0.473	Q1
7. Gregory, R.G. 2013, 'The Henderson question? The Melbourne Institute and 50 years of welfare policy', <u>Australian Economic Review</u> , vol. 46, no. 2, pp. 202-215. ISSN 0004-9018.	1	0.300	Q2
8. Grunfeld, H. and Maria Lee Hoon Ng 2013, 'A multimedia approach to ODL for agricultural training in Cambodia', <u>The International Review of Research in Open and Distance Learning</u> , vol. 13, no. 1, at http://www.irrodl.org/index.php/irrodl/article/view/1275/2453 ISSN 1492-3831.	0.5	0.602	Q2
9. Houghton, J. and Swan, A. 2013, 'Planting the green seeds for a golden harvest: Comments and clarifications on 'Going for Gold'', <u>D-Lib Magazine</u> , vol. 19, no. 1/2. ISSN 1082-9873. http://www.dlib.org/dlib/january13/houghton/01houghton.html	1	-	Q2
10. Hulst, A. and Ahmed, A. 2013, 'Migrant entrepreneurs' access to business finance in Australia', <u>Journal of Developmental Entrepreneurship</u> , vol. 18, no. 1, pp. 1-22, DOI: 10.1142/S1084946713500039. ISSN 1084-9467.	0.5	-	Q2
11. Lichtenberg, F.R. 2013, 'The impact of new (orphan) drug approvals on premature mortality from rare diseases in the United States and France, 1999-2007', <u>European Journal of Health Economics</u> , vol. 14, no.1: pp. 41-56. doi: 10.1007/s10198-011-0349-4. http://www.ncbi.nlm.nih.gov/pubmed/21953319 ISSN 1618-7598.	1	2.095	Q1
12. Little, B. and Lung, S. 2013. 'Might electricity consumption cause urbanization instead: Evidence from panel long-run causality tests' at <u>Global Environmental</u>	0.5	6.091	Q1

<u>Change</u> , vol. 24, pp. 42-51. ISSN 0959-3780				
13.	Liddle, B. 2013, 'Impact of population, age structure, and urbanization on carbon emissions/energy consumption: Evidence from macro-level, cross-country analyses', <u>Population and Environment</u> , vol. 35, pp. 286-304. ISSN 0199-0039.	1	2.585	Q1
14.	Liddle, B. and Lung, S. 2013, 'The long-run causal relationship between transport energy consumption and GDP: Evidence from heterogeneous panel methods robust to cross-sectional dependence. <u>Economic Letters</u> , vol. 121, pp. 524-527. ISSN 0165-1765.	0.5	2.538	Q2
15.	Liddle, B. 2013, 'The energy, economic growth, urbanization nexus across development: Evidence from heterogeneous panel estimates robust to cross-sectional dependence', <u>Energy Journal</u> , vol. 34, no. 2, pp. 223-244. ISSN 0195-6574.	1	2.198	Q1
16.	Messinis, G. 2013, 'Returns to education and urban-migrant wage differentials in China: IV quantile treatment effects', <u>China Economic Review</u> , vol. 26, no. 1, pp. 39-55. ISSN 1043-951X.	1	1.727	Q1
17.	Mills, K., Gell, P., Gergis, J., Baker, P., Finlayson, C.M., Hesse, P.P., Jones, R. , Kershaw, P., Pearson, S., Treble, P.C., Brookhouse, B.M., McDonald, D.R.J., Haberle, S., Reid, M., Thoms, M. and Tibby, J. 2013, 'Paleoclimate studies and natural-resource management in the Murray-Darling Basin II: Unravelling human impacts and climate variability', <u>Australian Journal of Earth Sciences</u> , vol. 60, no. 5, pp. 561-571. ISSN 0812-0099.	0.06	-	Q2
18.	Mills, K., Gell, P., Hesse, P.P., Jones, R. , Kershaw, P., Drysdale, R. and McDonald, J. 2013, 'Paleoclimate studies and natural-resource management in the Murray-Darling Basin I: Past, present and future climates', <u>Australian Journal of Earth Sciences</u> , vol. 60, no. 5, pp. 547-560. ISSN 0812-0099. http://www.tandfonline.com/loi/taje20	0.14	-	Q2
19.	Rashid, K. and Islam, S.M.N. 2013, 'Corporate governance, firm performance and complementarities in a developed market: A study of the Australian case for the period of 2000 to 2003', <u>International Journal of Disclosure and Governance</u> , DOI: 10.1057/jdg.2013.19. ISSN 1741-3591.	1	-	Q3
20.	Rashid, K. and Islam, S. 2013, 'Corporate governance, complementarities and the value of a firm in an emerging market: The effect of market imperfections', <u>Corporate Governance</u> , vol. 13, no. 1, pp. 70-87. ISSN 1472-0701.	1	-	Q3
21.	Sheehan, P. and Gregory, R.G. 2013, 'The resources boom and economic policy in the long run', <u>Australian Economic Review</u> , vol. 46, no. 2, pp. 121-139. ISSN 0004-9018.	1	0.300	Q2
22.	Stenberg, K., Axelson, H., Sheehan, P. , Anderson, I., Gülmezoglu, A.M., Temmerman, M., Mason, E., Friedman, H.S., Bhutta, Z.A., Lawn, J.E., Sweeny, K. , Tulloch, J., Hansen, P., Chopra, M., Gupta, A., Vogel, J.P., Ostergren, M., Rasmussen, B. , Levin, C., Boyle, C., Kuruvilla, S., Koblinsky, M., Walker, N., de Francisco, A., Novcic, N., Presern, C., Jamison, D. and Bustreo, F. on behalf of the Study Group for the Global Investment Framework for Women's Children's Health 2013, 'Advancing social and economic development by investing in women's and children's health: A new global investment framework', <u>The Lancet</u> , 19 November, doi:10.1016/S0140-6736(13)62231-X. ISSN 0140-6736. (Published in hardcopy in 2014 as vol. 383, no. 9925, pp. 1333-1354.)	0.12	39.060	Q1
23.	Tran Van Hoa and Limskulb, K. 2013, 'Economic impact of CO2 emissions on Thailand's growth and climate change mitigation policy: A modelling analysis', <u>Economic Modelling</u> , vol. 33, pp. 651-658. ISSN 0264-9993.	0.5	0.557	Q2
24.	van Ruijven, B.J., Levy, M.A., Agrawal, A., Biermann, F., Birkmann, J., Carter, T.R., Ebi, K.L., Garschagen, M., Jones, B., Jones, R. , Kemp-Benedict, E., Kok, M., Kok, K., Lemos, M.C., Lucas, P.L., Orlove, B., Pachauri, S., Parris, T.M., Patwardhan, A., Petersen, A., Preston, B.L., Ribot, J., Rothman, D.S. and Schweizer, V.J. 2013, 'Enhancing the relevance of Shared Socioeconomic Pathways for climate change impacts, adaptation and vulnerability research', <u>Climatic Change</u> , 1-14, 10.1007/s10584-013-0931-0. ISSN.	0.04	3.634	Q1
TOTAL HERDC POINTS		16.16		

Conference papers, 2013 (HERD category) Peer reviewed and published

Paper title	HERDC Points
1. Andriansyah and Messinis, G. 2013, 'Equity Market and Growth: Does the Primary Market Matter?', in D. Butler and M. Mangano (eds), <i>Beyond the Frontier: New Directions in Economics: Proceedings of the 42nd Australian Conference of Economists</i> , July 7-10, 2013, Murdoch University, Perth, Western Australia. ISBN: 978-921877-12-4. http://www.murdoch.edu.au/School-of-Management-and-Governance/Australian-Conference-of-Economists/	1
2. Ghofar, A. and Islam, S.M.N. 2013, 'Determinants and Effectiveness of Corporate Governance' paper presented at the Asian Conference on Corporate Governance and Business Sustainability, Thailand.	1
3. Grunfeld, H. and Houghton, J. 2013, 'Using ICT for Climate Adaptation and Mitigation through Agro-Ecology in the Developing World', in L.M. Hilty et al. (eds), <i>Proceedings of the First International Conference on Information and Communication Technologies for Sustainability</i> , University of Zurich, 14-16 February, at http://e-collection.library.ethz.ch/view/eth:6558	1
4. Hussin, B. and Islam, S.M.N. 2013, 'Commodity Risk Exposure and its Implication on Risk Management Policy in the Malaysian Stock Exchange', paper presented at the International Economics and Business Management Conference (IEBMC 2013), Malaysia.	1
5. Kent, A. and Hurley, K. 2013, 'The Devil is in The Detail: What's Behind Manufacturing Growth and Decline in Melbourne, 2001-2011', refereed paper presented at the <i>State of Australian Cities Conference</i> , Sydney, http://www.soacconference.com.au/wp-content/uploads/2013/12/Kent-Economy.pdf	1
TOTAL	5

Papers and presentations, invited, 2013

1. Fforde, A. 2013, 'Economic Developments in Vietnam and Indonesia: A Comparative Perspective', invited paper presented at a seminar, Leiden University, Leiden, The Netherlands, 10 June 2013.
2. Fforde, A. 2013, 'Vietnam as an Immitant to Mainstream Dogmas: Reflections', invited seminar paper presented at the Forum for Asia Studies, Stockholm University, Stockholm, 5 June 2013.
3. Houghton, J.W. 2013, 'Measuring the Value and Impact of Research Data Curation and Sharing', invited presentation at the Open Access and Research Conference 2013, Queensland University of Technology, Brisbane, 31 October – 1 November 2013, at <http://www.oar2013.qut.edu.au/>
4. Houghton, J. 2013, 'Research Impact', invited presentation at the UK Economic and Social Research Council Symposium, Portland Place, London, November 2013.
5. Houghton, J.W. 2013, 'The Economics of Open Access, Video Interview for The National Scholarly Communications Forum: Open Access Research Issues in the Humanities and Social Sciences', invited presentation to the 23rd Roundtable of the National Scholarly Communications Forum, Australian Academy of Humanities, Canberra, May 2013, available at: <http://www.humanities.org.au/About/AlliedOrganisations/NSCFArchive/tabid/188/articleType/ArticleView/articleId/1847/Open-Access-Research-Issues-in-the-Humanities-and-Social-Sciences.aspx>
6. Islam, S. 2013, 'Accounting Risk: Analysis, Management, Modeling and Governance', invited keynote speaker at the 2nd Macao International Symposium on Accounting and Finance, Macao Accounting and Finance Association, Macao Polytechnic Institute, Macao, 24-27 November 2013.
7. Islam, S. 2013, 'Corporate Governance and Accounting Management: The Accountants' Role', invited keynote presentation at the 5th International Conference on Corporate Governance, Accounting Research Institute, Universiti Teknologi MARA, Selangor, Malaysia, 18-19 November 2013.
8. Jones, R. 2013, 'Summary of Adaptation at the Coalface, Local Government and Adaptation', invited presentation DICCERTE (now Department of Environment), Canberra, 7 February.
9. Jones, R. 2013, 'Understanding Climate Risk: Meeting the Challenge of Rapid Climate Change', invited paper presented at the Conference Enterprise Risk Management for Government 2013, Moving Beyond Compliance, Canberra, 23-24 April 2013.
10. Liddle, B. 2013, 'Nonlinearities in the GDP-carbon Relationship', invited paper presented at the NCAR IAM Group Annual Meeting, National Center for Atmospheric Research, Boulder, CO, 20 August.
11. Rasmussen, B. 2013, 'Tradeable Professional Services', invited presentation at the DBI Trade Policy Forum, Melbourne, 18 April.
12. Sheehan, P., Sweeny, K. and Rasmussen, B. 2013, 'The Economic Returns to Investing in Women's and Children's Health', invited paper presented at the Meeting of the PMNCH Study Group Global Investment Framework for Women's and Children's Health, Venice, 13-14 June.
13. Sweeny, K. 2013, 'Health Research at CSES', invited presentation to Western Health Research Week, November.
14. Sweeny, K. 2013, 'The Future of the Pharmaceutical Industry in Australia: Facts and Fictions', invited presentation to the 20th ISPE Annual Conference Where Global Knowledge Meets Local Experience, International Society of Pharmaceutical Engineers, Canberra, 9-10 September.
15. Sweeny, K. 2013, 'The Impact of Further PBS Reforms', invited presentation to Parliamentary Friends of Medicines Group, Parliament House, Canberra, 18 June.

16. Tran Van Hoa 2013, 'Economic Integration', invited presentation at the Inaugural Vietnam National Alumni Conference, Hanoi, 14-15 December 2013 (organized to celebrate the 40th Anniversary of the Australia-Vietnam Diplomatic Relations by the Australian Embassy and Australia Awards (Endeavour Scholarships and Fellowships)).
17. Young, C.K. 2013, 'Communicating for Active Change', invited presentation at the Conference Enterprise Risk Management for Government 2013, Canberra, 23-24 June.
18. Young, C.K. 2013, 'Moving Beyond Fear and Grief: Proactive Practices', invited paper presented at the Climate Change: Science and Art and Policy Symposium, Deakin University and The Office of the Commissioner of Environmental Sustainability, Geelong, 1 March.
19. Young, C.K. 2013, 'Smart Futures Report: Summary', invited presentation to the VCCCAR Industry Think Tank, Melbourne, 27 September 2013.
20. Young, C.K. and Jones, R. 2013, 'Beyond the Mean: Valuing Adaptation Under Rapid Change', invited paper prepared for VCCCAR Regional Business Roundtable: Building Bridges', Melbourne, 19 September.
21. Young, C.K. and Jones, R. 2013, 'Smart Futures: Regional Business Breakfast Roundtable Context Paper', invited paper prepared for the VCCCAR Regional Business Roundtable: Smart Futures, Geelong, 12-13 May.
22. Young, C.K. 2013, 'Adaptation at the Coalface, Local Government and Adaptation', invited presentation DICCERTE (now Department of Environment), Canberra, 7 February.
23. Young, C.K. 2013, 'To Value or Not to Value: That is the Question', invited paper presented at the Coastal Councils Conference NSW, Sydney, 12-15 November 2013.
24. Young, C.K. 2013 'The Role of Innovation and Communication in Managing the Risk of Change and the Implementation of New Knowledge', invited paper presented at the Conference Enterprise Risk Management for Government 2013, Moving Beyond Compliance, Canberra, 23-24 April 2013.
25. Young, C.K. 2013, 'Adaptation in small to medium businesses', invited presentation at the VCCCAR Annual Forum, Melbourne, 20 March.

Other conference papers and presentations

1. Florde, A. 2013, 'From 'Constructing Socialism' to 'Doing Development': Growth and its Meanings in Contemporary Vietnam', paper presented at the 5th International ADI Conference Growth – Critical Perspectives from Asia, Asian Dynamics Initiative, University of Copenhagen, 13-14 June.
2. Houghton, J.W. 2013, 'Measuring the Value of Access to Research', presentation to the UK Economic and Social Research Council, London.
3. Houghton, J.W. 2013, 'Estimating the Value of Grey Literature', presentation to the 2nd Australian Grey Literature Conference: Recognising the Value of Grey Literature, State Library of Victoria, Melbourne, November.
4. Hussin, B. and Islam, S.M.N. 2013, 'Commodity Risk Exposure and its Implication on Risk Management Policy in the Malaysian Stock Exchange', presented at the International Economics and Business Management Conference (IEBMC 2013), Malaysia.
5. Jones, R. 2013, '[The Scientific and Economic Origins of the Gradualist Adaptation Narrative and How to Move Beyond It](#)', presentation at the National Centre for Climate Change Adaptation (NCCARF) Knowledge and Partnerships Conference, Sydney, 25-27 June 2013.
6. Jones, R. 2013, 'Future Climates', paper presented at the VCCCAR Annual Forum "Transforming the Future: City of Greater Geelong Community Forum", Geelong, 12-13 May 2013.
7. Jones, R., Young, C.K., Handmer, J., Keating, A. and Sheehan, P. 2013, '[Valuing Adaptation Under Rapid Change: Anticipatory Adjustments, Maladaptation And Transformation – Project Wrap](#)', presentation at the National Centre for Climate Change Adaptation (NCCARF) Knowledge and Partnerships Conference, Sydney, 25-27 June 2013.
8. Keating, A., Handmer, J., Jones, R. and Young, C.K. 2013, '[An Inconvenient Curve: Moving Beyond The Mean In Adaptation Economics](#)', presentation at the National Centre for Climate Change Adaptation (NCCARF) Knowledge and Partnerships Conference, Sydney, 25-27 June 2013.
9. Liddle, B. 2013, 'What Are the Carbon Emissions Elasticities for Income and Population? New Evidence from Panel Estimates Robust to Stationarity and Cross-sectional Dependence', paper presented at the 27th IUSSP International Population Conference, Busan, Korea, 29 August.
10. Rashid, K. and Islam, S.M.N. 2013, 'Corporate Governance, Debt and Firm Performance: An Econometric Analysis of the Role of Debt for Affecting Firm', paper presented at the 5th International Conference on Corporate Governance, Kuala Lumpur, 18-19 November.
11. Rashid, K. and Islam, S.M.N. 2013, 'Corporate Governance, Debt and Firm Performance: An Econometric Analysis of the Role of Debt for Affecting Firm', paper presented at the 5th International Conference on Corporate Governance, Kuala Lumpur, 18-19 November.
12. Rasmussen, B. and Sheehan, P. 2013, 'The Mitchell Institute: Health and Education Indicators Project', presentation to the Project Inception Meeting, 11 December.
13. Sarun, A. and Islam S.M.N. 2013, 'Direct and Mediated Associations among Corporate Governance, Information Risk and Firm Value: Evidence from Malaysian Listed Firms', paper presented at the Fourth Asian Business and Management Conference, organised by International Academic Forum, Osaka, Japan, 21-24 November.
14. Wardley, N. 2013, 'What Factors are Important For effective Greenhouse Gas Emissions Trading?', paper presented at the ANZSEE Conference 2013, Canberra, 11-14 November.
15. Young, C.K. 2013, '[Adaptation And Innovation: Reframing Adaptation Implementation](#)', presentation at the National Centre for Climate Change Adaptation (NCCARF) Knowledge and Partnerships Conference, Sydney, 25-27 June.
16. Young, C.K. 2013, 'Communication for Change', presentation to the XIX International Conference of the Society for Human Ecology, Fenner School of Environment and Society, Australian National University, Canberra, 5-8 February.

17. Young, C.K. 2013, 'Innovation Learning: Creating Communities of Practice', presentation to the XIX International Conference of the Society for Human Ecology, Fenner School of Environment and Society, Australian National University, Canberra, 5-8 February.
18. Young, C.K. and Jones, R. 2013, '[Building Adaptation Capacity Through Narratives](#)', presentation at the National Centre for Climate Change Adaptation (NCCARF) Knowledge and Partnerships Conference, Sydney, 25-27 June.

CSES research reports, 2013

1. Stenberg, K., Axelson, H., Sheehan, P., Anderson, I., Gülmezoglu, A.M., Temmerman, M., Mason, E., Friedman, H.S., Bhutta, Z.A., Lawn, J.E., Sweeny, K., Tulloch, J., Hansen, P., Chopra, M., Gupta, A., Vogel, J.P., Ostergren, M., Rasmussen, B., Levin, C., Boyle, C., Kuruvilla, S., Koblinsky, M., Walker, N., de Francisco, A., Novcic, N., Presern, C., Jamison, D. and Bustreo, F. 2013, *The Economic Benefits of Investing in Women's and Children's Health*, PMNCH Knowledge Summary 24, The Partnership for Maternal, Newborn and Child Health, World Health Organization, Geneva, at <http://www.who.int/pmnch/knowledge/publications/summaries/ks24/en/>
2. Beagrie, N. and Houghton, J.W. 2013, *The Value and Impact of the Archaeology Data Services: A Study and Methods for Enhancing Sustainability*, Joint Information Systems Committee, October, at <http://www.jisc.ac.uk/whatwedo/programmes/preservation/ADSImpact.aspx>
3. Beagrie, N. and Houghton, J.W. 2013, *The Value and Impact of the British Atmospheric Data Centre (BADC)*, Joint Information Systems Committee and the Natural Environment Research Council UK, September, at http://www.jisc.ac.uk/whatwedo/programmes/di_directions/strategicdirections/badc.aspx
4. Houghton, J.W. 2013, *An Open Access Policy for Australia: An Economic Analysis*, Report to the Department of Industry, Canberra, CSES, Victoria University, Melbourne.
5. Houghton, J.W. 2013, *Contribution to Education Copyright Study*, Report to Education Australia, by Lateral Economics.
6. Chan, L., Houghton, J.W. and Swan, A. 2013, *Financial Implications of a Tri-Agency Harmonized Open Access Policy*, Report to the Canadian Funding Agencies, by the University of Toronto, October.
7. Jones, R.N., Young, C.K., Handmer, J., Keating, A., Mekala, G.D. and Sheehan, P. 2013, *Valuing Adaptation Under Rapid Change: Anticipatory Adjustments, Maladaptation and Transformation*, Final Report to National Climate Change Adaptation Research Facility (NCCARF), Gold Coast, CSES, Victoria University, Melbourne.
8. Jones, R.N., Young, C.K., Handmer, J., Keating, A., Mekala, G. and Sheehan, P. 2013, *Valuing Adaptation Under Rapid Change: Research Summary for Policy Makers*, Centre of Strategic Economic Studies, Victoria University, Melbourne.
9. Rasmussen, B., Lang, J., Welsh, A. and Maharaj, N. 2013, *A Quantitative Analysis of Victoria's Key Exporters and Export Competitors*, Report to Victorian Department of State Development, Business and Innovation, CSES, Victoria University, Melbourne, November.
10. Rasmussen, B., Welsh, A. and Hurley, K. 2013, *Projecting Demand for BCL Chambers*, Report to BCL, CSES, Victoria University, Melbourne, 14 May.
11. Sheehan, P., English, A., Kejun, J. and Xu He 2013, *Developing a Low-carbon Roadmap for China's Cities*, Report to the Australian Department of Industry, Innovation, Climate Change, Science, Research and Tertiary Education, November.
12. Sheehan, P., English, A., Sun, F. and Cheng, E. 2013, [The National and Regional Development of China's Gas Market: Beyond Evolutionary Change?](#) Report to Australia China Natural Gas Technology Partnership Fund, CSES, Victoria University, Melbourne, December.
13. Sweeny, K. 2013, *Compilation of Evidence from the Literature on Cardiovascular and Diabetes Risk Factors and Treatments*, China Hypertension and Diabetes Project, Draft Report to China National Health Development Research Center, Beijing, CSES, Victoria University, Melbourne, November.
14. Sweeny, K. 2013, *Detailed Modelling of Savings for the Government from Policy Changes to the Pharmaceutical Benefits Scheme*, Progress Report for Willard Consulting, CSES, Victoria University, Melbourne, October.
15. Sweeny, K. 2013, *The Impact of Further PBS Reforms*, Final Report to Medicines Australia, CSES, Victoria University, Melbourne, April.
16. Sweeny, K. 2013, *The Impact of Further PBS Reforms: Further Modelling with Different Assumptions about Biological Medicines*, Report to Medicines Australia, CSES, Victoria University, Melbourne, May.
17. Young, C.K. and Jones, R.N. 2013, *Beyond the Means Workshop: Final Report*, National Climate Change Adaptation Research Facility (NCCARF), CSES and RMIT University, Melbourne, May.
18. Young, C.K. and Jones, R.N. 2013, *Building Bridges: Supporting Adaptation in Industry Think Tank Context Paper*, Victorian Centre for Climate Change Adaptation Research (VCCAR), CSES, Victoria University, Melbourne.

Internal seminars, 2013

1. Young, C.K. 2013, 'The Art of Engagement: How to Increase Understanding and Uptake of Research Through Effective Communication', seminar paper presented at the College of Business Research Seminar Series, Victoria University, Melbourne, 3 October.
2. Cheng, E. 2013, 'Major Challenges to China's Contemporary Economy', seminar paper presented at the College of Business Research Seminar Series, Victoria University, Melbourne, 22 October.
3. Messinis, G. 2013, 'Returns to Education and Urban-Migrant Wage Differentials in China: IV Quantile Treatment Effects', seminar paper presented at the College of Business Research Seminar Series, Victoria University, Melbourne, 10 December.
4. Agarwal, P. 2013, 'Higher Education and Federalism in India: Recent Trends and Challenges', seminar paper presented at the College of Business Research Seminar Series, Victoria University, Melbourne, 18 December.

Public lecture, 2013

O'Neill, B. 2013, 'Population Growth and Climate Change: International and Australian Challenges', public lecture presented on 20 November, CSES, Victoria University, Melbourne.

External lecture, 2013

Sheehan, P. 2013, 'Funding Viable Development Strategies: The Case of China', lecture to students of Master of Development Studies Course, University of Melbourne, Melbourne, 11 April 2013.

PhD, DBA and MBA theses submitted, 2011

1. Nuryanah, S. 2013, 'Developing Financial Management Strategies for Achieving Good Corporate Governance: An Integrated Optimisation Modelling Approach', PhD Thesis, CSES, Victoria University, Melbourne. Supervisor Sardar Islam.
2. Aldosari, K. 2013, 'Saudisation in the Hospitality Industry: Management Issues and Opportunities', DBA Thesis, CSES, Victoria University, Melbourne. Supervisor Jamie Doughney.
3. Ghofar, A. 2013, 'Accounting Performance and Firm Value Implications of the Inter-dependence of Business Environment, Business Strategy, Corporate Governance and Earnings Quality: a Contingency Theory Approach', DBA Thesis, CSES, Victoria University, Melbourne. Supervisor Sardar Islam.
4. Zirngast, N. 2013 'Demanding to be Human: The Moral Authority of Human Rights and the Convention on the Elimination of All Forms of Discrimination against Women (CEDAW)', MBA Thesis, CSES, Victoria University, Melbourne. Supervisor Jamie Doughney.

External working papers, 2013

1. Young, C.K. and Jones, R. 2013, 'Smart Futures: Regional Business Breakfast Roundtable Context Paper', prepared for the Victorian Centre for Climate Change Adaptation Research (VCCCAR) Regional Business Roundtable: Smart Futures, Geelong, 13 May 2013.
2. Jones, R. and Young, C.K. 2013, 'Guidance Notes for Reading the IPCC Summary for Policymakers', CSES, Melbourne. Also published by *The Conversation* at <http://theconversation.com/who-should-fund-australias-adaptation-to-climate-change-17595>
3. Young, C.K. and Jones, R. 2013, 'Building Bridges: Industry and Adaptation Context Paper', prepared for VCCCAR industry think tank, Victorian Centre for Climate Change Adaptation Research, Melbourne.

CSES working papers, 2011

Bodman, R., Jones, R. and Young, C. 2013, 'The Science Policy Nexus: Assessing Climate Policy in an Imperfect World', CSES Climate Change Working Paper No. 18, Centre for Strategic Economic Studies, Victoria University, Melbourne.

Journal articles submitted, 2013

1. Bodman, R.W., Rayner, P.J. and Jones, R.N. 2013, 'Latest IPCC assessment underestimates warming risks by neglecting carbon cycle uncertainties', in review at [Climatic Change Letters](#).
2. Liddle, B. 'Impact of population, age structure, and urbanization on greenhouse gas emissions/energy consumption: Evidence from macro-level, cross-country analyses', under review at [Population and Environment](#).
3. Liddle, B. 'What are the carbon emissions elasticities for income and population? New evidence from heterogeneous panel estimates robust to stationarity and cross-sectional dependence', under review at [Global Environmental Change](#).
4. Liddle, B. and Lung, S. 'Energy consumption and GDP causality: New evidence from disaggregated data and panel long-run causality tests of developed and developing countries', under review at [Applied Economics](#).
5. Liddle, B. and Lung, S. 'Might electricity consumption cause urbanization instead: Evidence from panel long-run causality tests', revised and resubmitted to [Global Environmental Change](#).
6. Liddle, B. and Lung, S. 'The endogeneity of OECD gasoline taxes: Evidence from pair-wise, panel long-run causality tests', resubmitted to [Energy Economics](#).
7. Liddle, B. and Lung, S. 'The endogeneity of OECD gasoline taxes: Evidence from pair-wise, panel long-run causality tests', under review at [Transportation Research A](#).
8. Liddle, B. and Lung, S. 'The long-run causal relationship between transport energy consumption and GDP: Evidence from heterogeneous panel methods robust to cross-sectional dependence', submitted to [Economic Letters](#).
9. Liddle, B. and Lung, S. 'Energy consumption and GDP causality: new evidence from disaggregated data and panel long-run causality tests of developed and developing countries', under review at [Applied Economics](#).
10. Liddle, B. and Messinis, G. 'Which comes first urbanization or economic growth? Evidence from heterogeneous panel causality tests', under review at [Economic Modelling](#).
11. van Ruijven, B.J., Levy, M., Agrawal, A., Biermann, F., Birkmann, J., Carter, T.R., Ebi, K.L., Garschagen, M., Jones, B., Jones, R., Kemp-Benedict, E., Kok, M., Kok, K., Lemos, M.C., Lucas, P.L., Orlove, B., Pachauri, S., Parris, T., Patwardhan, A., Petersen, A., Preston, B.L., Ribot, J., Rothman, D.S. and Schweizer, V.J. 2013, 'Enhancing the

relevance of global shared socio-economic pathways for climate change impacts, vulnerability and adaptation research', submitted to [Climatic Change](#).

Other submissions

Houghton, J. 2013, IFLA Futures, Mexico City (March) <http://trends.ifla.org/expert-papers>. Submissions http://trends.ifla.org/files/trends/assets/ifla-trend-report-expert-submissions_full-text_2013-02-27.pdf

Awards, 2013

Catherine Xiaocui Lou was named the state's top postgraduate international student of 2013, see Section 4.4 for details.

Media articles, 2013

1. Bodman, R. and Karoly, D. 27 May 2013, 'Uncertainty no excuse for procrastinating on climate change', *The Conversation*, at <http://theconversation.com/uncertainty-no-excuse-for-procrastinating-on-climate-change-14634>
2. The above reprinted at *Global Warming*, www.mandyjo.net 27 May 2013.
3. Fforde, A. 11 May 2013, 'Lessons in Western aid after Vietnam and Cambodia', *East Asia Forum*, Economics, Politics and Public Policy in East Asia, at <http://www.eastasiaforum.org/2013/05/11/lessons-in-western-aid-after-vietnam-and-cambodia/>
4. Fforde, A. 2 July 2013, 'Vietnam's political crisis blocks needed reforms', Briefing, *World Politics Review*, part of WPR 'Special Report: Can ASEAN Find its Way', at <http://www.worldpoliticsreview.com/articles/13064/vietnam-s-political-crisis-blocks-needed-reforms>
5. Jones, R. 23 February 2013, 'Time to stop hiding behind warming trends', *The Conversation*, at <http://theconversation.com/time-to-stop-hiding-behind-warming-trends-12400>
6. The above reprinted from *The Conversation* in *RenewEconomy.com.au* at http://reneweconomy.com.au/2013/time-to-stop-hiding-behind-warming-trends-31257?utm_source=rss&utm_medium=rss&utm_campaign=time-to-stop-hiding-behind-warming-trends-31257. *Renew Economy* is Australia's best informed and most read web-site focusing on clean energy news and analysis, as well as climate policy.
7. Jones, R. 22 October 2013, 'Fire and climate change: Don't expect a smooth ride', *The Conversation*, at <http://theconversation.com/fire-and-climate-change-dont-expect-a-smooth-ride-19391>
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On Roger Bodman's *Nature* article (co-authors P. Rayner and D. Karoly)

774 ABC Melbourne 27 May 2013, 'Researchers from the University of Melbourne and Victoria University says they have ...', 06:00 News, 42 seconds, Newsreader interviewed David Karoly. **Also broadcast from the following 9 stations:** ABC Ballarat (Ballarat), ABC Central Victoria (Bendigo), ABC Gippsland (Sale), ABC Goulburn Murray (Wodonga), ABC Mildura - Swan Hill (Mildura), ABC Shepparton (Shepparton), ABC South Western Victoria (Warrnambool), ABC Western Victoria (Horsham), Radio National (Melbourne).

774 ABC Melbourne 27 May 2013, 'Melbourne researchers from Victoria University and the University of Melbourne have ...', 07:00 News, 41 seconds, Newsreader interviewed David Karoly. **Also broadcast from the following 9 stations:** ABC Ballarat (Ballarat), ABC Central Victoria (Bendigo), ABC Gippsland (Sale), ABC Goulburn Murray (Wodonga), ABC Mildura - Swan Hill (Mildura), ABC Shepparton (Shepparton), ABC South Western Victoria (Warrnambool), ABC Western Victoria (Horsham), Radio National (Melbourne).

774 ABC Melbourne 27 May 2013, 'Melbourne researchers from Victoria University and the University of Melbourne say ...', 07:45 News, 58 seconds, Newsreader interviewed David Karoly. **Also broadcast from the following 8 stations:** ABC Ballarat (Ballarat), ABC Central Victoria (Bendigo), ABC Gippsland (Sale), ABC Goulburn Murray (Wodonga), ABC Mildura - Swan Hill (Mildura), ABC Shepparton (Shepparton), ABC South Western Victoria (Warrnambool), ABC Western Victoria (Horsham).

2MCE Orange 27 May 2013, 'Climate change experts say they have a clearer picture of the future of global warming...', 12.00 News, 47 seconds, Newsreader interviewed Roger Bodman. **Also broadcast from the following 71 stations:** 100.9 FM (Albany), 104.7 Gippsland FM (Morwell), 105.1 FM Caboolture (Caboolture), 2BOB (Taree), 2CBD (Deepwater), 2HOT (Cobar), 2MCR (Campbelltown), 2MTM (Coonamble), 2NCR (Lismore), 2SSR (Wollongong), 2WAY (Wauchope), 2WCR (Coonabarabran), 2XX FM (Canberra), 3MBS (Melbourne), 3MGB (Mallacoota), 3REG (Bairnsdale), 3SER (Pakenham), 4BCR (Bundaberg), 4CCR-FM (Cairns), 4CRM (Mackay), 4YOU (Rockhampton), 5CCR (Ceduna), 5THE (Millicent), 6RTR (Perth), Alpine Radio (Mount Beauty), Bay and Basin FM (Nowra), Bay FM (Brisbane), Beau FM (Beaudesert), BLU FM 89.1 (Katoomba), Burnett River Radio (Gayndah), CAAMA Radio (Alice Springs), City Park Radio (Launceston), Cow FM (Casino), Encounter FM (Victor Harbor), Eurbodalla Radio (Moruya), Ezy FM (Lithgow), Five-O-Plus (Gosford), FM 96.3 (Tumut), Fraser Coast Community Radio (Hervey Bay), Gulf FM (Kadina), Heart FM (Deloraine), KCR FM (Perth), KRR (Kandos), NineFourOne (Wollongong), Noosa Community Radio (Sunshine Coast), Oak FM (Wangaratta), Opal FM (Lightning Ridge), Paradise FM (Ballina), Phoenix FM (Bendigo), QbynFM (Queanbeyan), Radio Mansfield (Mansfield), Rainbow FM (Warwick), Rhema FM Orange (Orange), Rock FM (Moranbah), Smart FM (Swan Hill), Star FM (St Helens), Tank Radio (Kempsey), Tasman FM (Hobart), Three Rivers Radio (Dunedoo), Triple B (Tanunda), Triple H (Horsham), Twin Cities FM (Wanneroo), UG FM (Alexandra), Valley FM (Brisbane), Valley FM (Canberra), VOX FM (Wollongong), WAR FM (Gilgandra), Way FM (Canberra), Way FM (Launceston), Yass FM (Yass), York FM (York)

On Anthony Kent's rural farm project:

3AW Melbourne 15 May 2013, 'Anthony Kent, Victoria University, joins the program to discuss farmers who leave their. ...', Breakfast, Ross Stevenson and John Burns, 6.20 am, 3 minutes 15 seconds, interviewee Anthony Kent.

3WM Horsham 10 May 2013, 'Interview with Dr Anthony Kent, Researcher, Victoria University ...', Country Today, 12.40, 6 minutes 40 seconds, interviewee Anthony Kent.

3WM Horsham 3 May 2013, 'Caller Researcher, Anthony Kent, Victoria University, Strategic Economic Studies, says ...', Country Today, 12.35, 3 minutes 50 seconds, interviewee Anthony Kent; 12.32, 2 minutes 27 seconds; 12.42, 3 minutes 33 seconds.

ABC Ballarat 1 May 2013, 'A Victoria University study has found that the majority of farmers forced out by drought, ...', National Rural News, 12.09, 49 seconds, Newsreader interviewed Anthony Kent. **Also broadcast from the following 38 stations:** ABC Alice Springs (Alice Springs), ABC Broken Hill (Broken Hill), ABC Capricornia (Rockhampton), ABC Central Victoria (Bendigo), ABC Central West NSW (Orange), ABC Coffs Coast (Coffs Harbour), ABC Esperance (Esperance), ABC Eyre Peninsula and West Coast (Port Lincoln), ABC Far North (Cairns), ABC Gippsland (Sale), ABC Goldfields WA (Kalgoorlie), ABC Goulburn Murray (Wodonga), ABC Great Southern WA (Wagin), ABC Illawarra (Wollongong), ABC Kimberley (Broome), ABC Midwest and Wheatbelt (Geraldton), ABC Mildura - Swan Hill (Mildura), ABC New England North West (Tamworth), ABC North and West SA (Port Pirie), ABC North Queensland (Townsville), ABC North West Qld (Mt Isa), ABC North West WA (Karratha), ABC Northern Tasmania (Launceston), ABC Riverina (Wagga Wagga), ABC Riverland SA (Renmark), ABC Shepparton (Shepparton), ABC South Coast WA (Albany), ABC

South East NSW (Bega), ABC South East SA (Mt Gambier), ABC South West WA (Bunbury), ABC South Western Victoria (Warrnambool), ABC Southern Queensland (Toowoomba), ABC Tropical North (Mackay), ABC Upper Hunter (Muswellbrook), ABC Western Plains NSW (Dubbo), ABC Western Queensland (Longreach), ABC Western Victoria (Horsham), ABC Wide Bay (Bundaberg).

ABC Ballarat 1 May 2013, 'Interview with Dr Anthony Kent, Economics Studies Researcher, Victoria University. ...', Vic Country Hour, Libby Price, 12.12 pm, 7 minutes 28 seconds, interviewee Anthony Kent. **Also broadcast from the following 7 stations:** ABC Central Victoria (Bendigo), ABC Gippsland (Sale), ABC Goulburn Murray (Wodonga), ABC Mildura - Swan Hill (Mildura), ABC Shepparton (Shepparton), ABC South Western Victoria (Warrnambool), ABC Western Victoria (Horsham).

ABC Darwin 7 May 2013, 'Brain comments that Victoria University has interviewed farmers across most agricultural ... Webcast, 1.30 pm, 4 minutes and 59 seconds, interviewee Anthony Kent.

ABC New England North West 2 May 2013, 'Prerecorded interview with Dr Anthony Kent, Economic Studies Researcher, Victoria ...', Rural Report Tamworth, 6.40, 4 minutes 9 seconds, interviewee Anthony Kent. **Also broadcast from the following 1 station:** ABC Upper Hunter (Muswellbrook).

ABC North and West SA 1 May 2013, 'Prerecorded interview with Dr Anthony Kent, Economics Studies Researcher, Victoria ...', Port Pirie, SA Country Hour, Nikolai Beilharz, 12.30, 4 minutes 48 seconds, interviewee Anthony Kent. **Also broadcast from the following 4 stations:** ABC Broken Hill (Broken Hill), ABC Eyre Peninsula and West Coast (Port Lincoln), ABC Riverland SA (Renmark), ABC South East SA (Mt Gambier).

ABC North West WA 1 May 2013, 'Prerecorded interview with Dr Anthony Kent, Economics Studies Researcher, Victoria ...', WA Country Hour, 12.50, 5 minutes, 16 seconds, interviewee Anthony Kent. **Also broadcast from the following 7 stations:** ABC Esperance (Esperance), ABC Goldfields WA (Kalgoorlie), ABC Great Southern WA (Wagin), ABC Kimberley (Broome), ABC Midwest and Wheatbelt (Geraldton), ABC South Coast WA (Albany), ABC South West WA (Bunbury).

Radio National Canberra 1 May 2013, 'Wilson is joined by Caitlin Gribbin, Regular Guest ...', Bush Telegraph, 11.27, 1 minute 30 seconds, interviewee, Anthony Kent. **Also broadcast from the following 8 stations:** Radio National (Sydney), Radio National (Melbourne), Radio National (Brisbane), Radio National (Perth), Radio National (Hobart), Radio National (Adelaide), Radio National (Darwin), Radio National (Newcastle).

Radio National Canberra 3 May 2013, 'Wilson says that state and federal agriculture ministers have agreed on the new look ...', Bush Telegraph, 11.06, 12 minutes 6 seconds, interviewee Anthony Kent. **Also broadcast from the following 8 stations:** Radio National (Sydney), Radio National (Melbourne), Radio National (Brisbane), Radio National (Perth), Radio National (Hobart), Radio National (Adelaide), Radio National (Darwin), Radio National (Newcastle).

Radio National Canberra 4 May 2013, 'Interview with Victoria University researcher Dr Anthony Kent whose study of farmers ...', Country Breakfast, 6.41, 7 minutes 22 seconds, interviewee Anthony Kent. **Also broadcast from the following 8 stations:** Radio National (Sydney), Radio National (Melbourne), Radio National (Brisbane), Radio National (Perth), Radio National (Hobart), Radio National (Adelaide), Radio National (Darwin), Radio National (Newcastle).

Webcasts 2013

On Anthony Kent's work *ABC Online* 1 May 2013, WA Country Hour podcast, at www.abc.net.au.

Jones, R. and Young, C.K. 30 September 2013, 'Explainer: how to read an IPCC report', WEB Special Broadcasting Service, www.sbs.com.au 30 Sep 2013 2:10 pm.

Jones, R. 5 December 2013, 'UN criticises Australian government's policy on climate change', *ABC News, The World*, interview by Jim Middleton, 6 minutes 10 seconds, at <http://www.abc.net.au/news/2013-10-22/un-criticises-australian-governments-policy-on/5039212>

VISES blog created 2013

Jones, R. Understanding climate risk, at <http://2risk.wordpress.com/>

Blog and forum entries

Jones, R. 2013, Precarious climate, Tony Abbott and the politicization of tragedy, at <http://precariousclimate.com/2013/10/28/tony-abbott-adam-bandt-nsw-bushfires-politicization-tragedy/>

Jones, R. 22 October 2013, 'Fire and climate change: don't expect a smooth ride...', CSIRO blog Climate news links from around the globe, Craig Macaulay, at <https://blogs.csiro.au/climate-response/2013/10/news-october-22-2013/>
MacroBusiness is Australia's leading business and investment blog. It's mission is to bridge the gulf between the Australian business media and reality. 15 comments.

Sheehan, P. 14 July 2014, 'Beyond the mining boom: From resources to infrastructure', at <http://www.smartcompany.com.au/growth/innovation/40500-australian-economy-to-move-from-resources-to-infrastructure-to-avoid-recession.html#>

Sheehan, P. 8 July 2013, 'Beyond the mining boom: From resources to infrastructure', *MacroBusiness*, at <http://www.macrobusiness.com.au/2013/07/beyond-the-boom-from-resources-to-infrastructure/>

SmartCompany.com.au is Australia's leading website for SMEs featuring business news, business information and business blogs.

Facebook entry

Jones, R. 17 July 2013, 'Don't blame me I didn't vote for Tony Abbott', at https://www.facebook.com/permalink.php?id=274330505796&story_fbid=10152566538740797

Citations

On John Houghton's open access research:

Science-Metrix 2013, 'Proportion of Open Access Peer-Reviewed Papers at the European and World Levels—2004-2011', RTD-B6-PP-2011-2: Study to develop a set of indicators to measure open access, produced for the European Commission, DG Research and Innovation, Quebec.

Science-Metrix 2013, 'Open Access Strategies in the European Research Area', RTD-B6-PP-2011-2: Study to develop a set of indicators to measure open access, produced for the European Commission, DG Research and Innovation, Quebec.

Cited in House of Lords Science & Technology Committee (January 2013)

<http://www.parliamentlive.tv/Embed/WidgetPlayer.aspx?12471>

Cited in House of Commons Business, Innovation and Skills Committee (April 2013)

<http://www.parliamentlive.tv/Embed/GeneralEmbed.aspx?meeting=12961>

CSES Research Associates 2013

Internal research associates as of 30 September 2013			
1.	Prof. Anona Armstrong	Director, Res. & Research Training	College of Law and Justice
2.	Samuel Belicka	Lecturer	Centre for Work Integrated Learning
3.	John Bentley	DVC Engagement, Inter. & Gov.	College of Business
4.	Dr Roberto Bergami	Senior Lecturer	College of Business
5.	Dr Nicholas Billington	Senior Lecturer	College of Business
6.	Prof. John Breen	Professor	College of Business
7.	Dr Richard Chauvel	Senior Lecturer	College of Arts
8.	George Comodromos	Lecturer	College of Business
9.	Dr Sarath Divisekera	Associate Professor	College of Business
10.	Di (David) Fan	Lecturer	College of Business
11.	Dr Michelle Fong	Senior Lecturer	College of Business
12.	Dr Romana Garma	Senior Lecturer	College of Business
13.	Charles Giacco	Lecturer	Victoria Law School
14.	Richard Gough	Senior Lecturer	College of Business
15.	Dr Pemasiri Gunawardana	Senior Lecturer	College of Business
16.	Dr Inka Havrila	Lecturer	College of Business
17.	Ranjith Ihalanayake	Lecturer	College of Business
18.	Dr Beverley LloydWalker	Senior Lecturer	College of Business
19.	Dr Michael Longo	Associate Professor	Victoria Law School
20.	Dr Sidney Lung	Lecturer	College of Business
21.	Dr Alex Manzoni	Lecturer	College of Engineering and Science
22.	Prof. John McLaren	Emeritus Professor	College of Arts
23.	David Moore	Lecturer	College of Business
24.	Dr Jayce Naidoo	Senior Lecturer	College of Business
25.	Dr Chaoyi Pang	Adjunct Assoc Professor	College of Business
26.	Assoc. Prof. Theo Papadopoulos	Associate Professor	College of Business
27.	Dr Maria Prokofieva	Lecturer	College of Business
28.	Dr Joanne Pyke	Research Fellow	College of Business
29.	Senarath Seelanatha	Lecturer	College of Business
30.	Dr Jordan Shan	Associate Professor	College of Business
31.	Salina Siddique	Lecturer	College of Business
32.	Robert Sims	Senior Lecturer	Centre for Work Integrated Learning
33.	Jasbir Singh	Lecturer	College of Business
34.	Lindsay Smyrk	Lecturer	College of Business
35.	Dr Michael Spisto	Senior Lecturer	Victoria Law School
36.	Prof. Lindsay Turner	Professor	College of Business
37.	Dr Despina Whitefield	Senior Lecturer	College of Business
38.	Dr Guneratne Wickremasinghe	Senior Lecturer	College of Business
39.	Lily Wong	Senior Lecturer	College of Business
40.	Dr Carolyn Woodley	Coordinator Teaching & Learning	Sir Zelman Cowen Centre
41.	Bruno Zeller	Associate Professor	Victoria Law School
42.	Ming Zhou	Lecturer	Victoria Law School
43.	Dr Segu Zuhair	Senior Lecturer	College of Business

External research associates 2013		
1.	Dr Abdullahi Ahmed	Senior Lecturer Flinders University
2.	Dr Sanjoy Bose	Lecturer and Director Executive Education Graduate School of Management, La Trobe University
3.	Prof. Nicolae Bulz	Associate Professor National Defence College, Bucharest, Romania
4.	Dr Enjiang Cheng	Research Director International Poverty Reduction Center of China
5.	Dr Matthew Clark	Head of School School of Humanities and Social Sciences, Deakin University
6.	Dr Ohidul Haque	CEO IIBASS
7.	Dr Hans Lofgren	Associate Professor School of Humanities and Social Sciences, Deakin University
8.	Mr Ainsley Jolley	
9.	Dr K.B. Oh	Senior Lecturer La Trobe Business School, La Trobe University
10.	Dr Tri Dung Lam	Senior Lecturer Australian College of Kuwait
11.	Dr Prabodh Malhotra	
12.	Dr Kashif Rashid	Associate Professor Department of Management Sciences, COMSATS IIT, Abbottabad, KPK, Pakistan
13.	Dr Mohammad Rusydi	Senior Lecturer Universiti Brunei Darussalam, Brunei
14.	Dr Sethapong (Paul) Watanapalachaikul	