

CENTRE FOR STRATEGIC
ECONOMIC STUDIES

ANNUAL REPORT 2008

Faculty of Business and Law
Victoria University
Melbourne

April 2009

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1. Introduction

The Centre for Strategic Economic Studies was established in 1993, and over time has 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 has also built a strong program in research training at the doctoral level, with more than twenty students being supervised for the PhD and DBA degrees at any one time.

The major factor affecting the Centre's operations since 2006 has been working towards the challenging set of increased research output targets agreed with the Vice Chancellor, in return for the University's investment in the Centre's research activities of \$3.25m over the period 2006 to 2010 from a total allocation of \$15m under the University's Priority Research Initiatives Program (PRIP). This has implied increased efforts to improve the quality of the Centre's research and research training, and to develop CSES as a sustainable centre of international standing. Strong support has also been provided to these activities by the Faculty of Business and Law.

Four themes have emerged from the Centre's work to date as of particular importance in the global knowledge economy:

- the central role of health, in terms of human welfare, technological change and economic growth;
- the impact of the convergence of information technologies and biotechnologies at the nano scale, which will have pervasive economic, industrial and social effects;
- the impact of rapid global growth on the environment and the climate, and the technological and policy responses to it; and
- increasing diversity at the regional and individual level, as economic returns concentrate increasingly on those who possess or can access knowledge.

These four themes define the four areas for the Centre's development activity in PRIP, the key objective of which is to build a centre of excellence, of international scale and quality, by 2010. Work in these thematic areas is, as a matter of necessity, supported by a broader range of capabilities concerning the economics of growth, trade and welfare.

In seeking to achieve this objective a number of key imperatives have been identified:

- to develop core intellectual strengths in which CSES can be globally competitive;
- to grow in an organic manner from the existing base, and hence to strengthen the capabilities and performance of that base;
- to develop critical alliances and partnerships to support growth, both externally and within the University and particularly within the Faculty of Business and Law; and
- to recruit top people in the core areas, preferably with good links internationally and with proven records in both research and achieving competitive grant funding.

It is also necessary, while undertaking these activities, to ensure that the Centre remains financially viable and lives within its means.

The year 2008 was a year in which good progress was made in these various areas, although there were some disappointing outcomes also. Much effort continues to be put into improving the quality of the Centre's research activities and outputs, especially outputs in the form of

articles in highly ranked journals. This is inevitably a slow process, both because of the time necessary for good research and because of the delays inherent in the journal refereeing process. But there are signs of progress, both in the publications data and in the number of papers under consideration by highly ranked journals.

Journal articles and other publications are detailed in the Appendix which provides a comprehensive list of the Centre’s research output. Table 1.1 uses three different ranking systems – ISI, the draft ERA ranking and the Business Deans (ABDC) ranking - to provide data on the journals in which CSES staff published in 2008. Of the 20 journal articles 7 (35%) were in journals with an ISI ranking; 12 (60%) had an ERA ranking, and 5 (25%) had an A ranking, while one journal was ranking in neither of these systems but included in the ABDC ranking.

Table 1.1 Measured quality of CSES refereed journal articles 2008

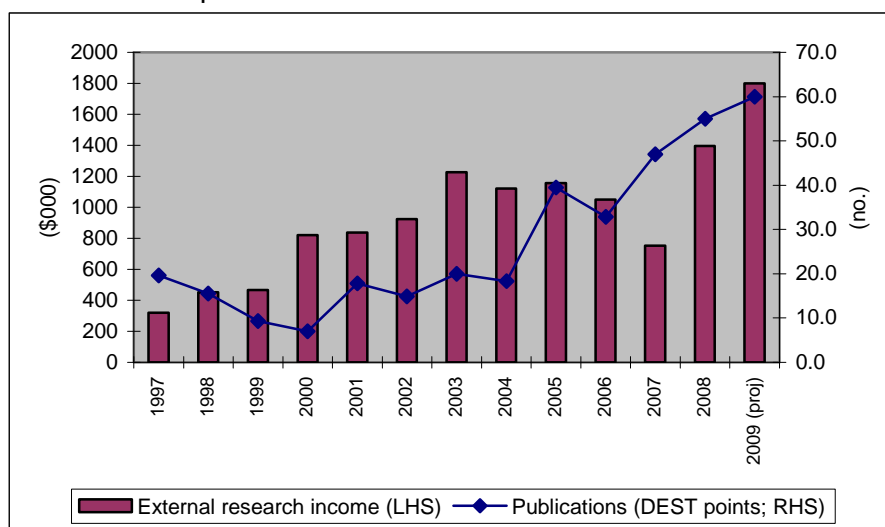
Ranking	Papers published
ISI ranked	7
ERA Ranking*	
A	5
B	4
C	3
ABDC Ranking	1

Note: Total number of refereed articles is 20, some have both ISI and ERA rankings, and some have no ranking. See Table 3.2 for complete listing.

*Latest available list at <http://research.vu.edu.au/ordsite/management/ERArankings.xls>

The Centre’s key performance indicators are summarised in Table 1.2 and Chart 1.1. 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 (see Chart 1.1).

Chart 1.1 CSES publications and external research income



As noted in last year’s report, while in 2007 much attention was given to improving quality, this was at the cost of a loss of focus on funded research activities, and the Centre’s external research income declined to only \$752,000 in that year. In 2008 a better balance was achieved, and external research income rose by 84% from the low 2007 level (to \$1.386 million) while research quality continued to improve. The indications are that both dimensions

will improve further in 2009 and into the future. But in the medium term the Centre needs to improve its performance in competitive research grant applications if it to achieve its overall goals.

The Centre acknowledges that it will be important in meeting the milestones of the PRIP, that external research income is increased along with research quality. Accordingly the Centre has increased its efforts on the submission of high quality, well focussed grant applications and continues to pursue major international projects with its collaborating and funding partners. Success rates on these applications have been disappointing to date, but will improve with sustained attention to quality.

Managing the balance between existing activities and the demands of long-term planning and development has continued to be challenging in other respects also during 2008. Graduate supervision has been further expanded and attention continued to be paid to upgrading the skills and output of existing staff. Table 1.2 below shows that overall publications (as measured by HERDC points) reached 50 in 2008, sustaining the increase that took place from 33 in 2006 to 45 in 2007. About 30 PhD and DBA students (20.25 on an EFT basis) were studying in the Centre in 2008. While there only three completions in 2008, many students have these close to completion or under examination, and 6-8 completions are expected in 2009.

Table 1.2 CSES summary of key performance indicators

Year	Ext. research income ('000)	Publications (HERDC pts)(a)	Research staff (FTE)	Research students(b) (FTE)
1998	452	15.5	6.8	
1999	467	9.3	8.8	
2000	821	7	8.2	
2001	838	17.83	7.5	17.5
2002	923	14.83	8.7	17.5
2003	1227	20	8.3	12.5
2004	1122	18.3	8.8	12.75
2005	1157	39.5	10	20.5
2006	1049	32.8	10.6	23
2007	752	45.3(c)	14.7	25
2008	1386	50(d)	15.65	20.25

Notes: (a) Source VU Office for Research.

(b) Includes PhD and DBA supervision.

(c) Does not include CSES Research Associates total of 34.8.

(d) CSES estimates only.

2. Income

2.1 External research income (according to DEST categories)

External research income was \$1,386,000 in 2008, an 84% increase on the low figure for 2007. As in the previous year, health related research provided an important foundation, generating funding of about \$500,000. The Centre was successful in winning, against strong international competition, a concluding grant of US\$200,000 for the Merck Company Foundation Program on Pharmaceutical Policy Issues, and also received some matching funding from the Victorian Government. The core of expertise developed within the Centre on health and the pharmaceutical industry attracts funding for additional projects. This included ongoing work for a major report prepared the APEC Life Sciences Forum meeting in Lima, Peru in August 2008 and the first work under the two year Chronic Disease Management Network (CDM Net project) with Monash and Deakin University. The project is focused on improving the management of diabetes in the Barwon Health, where it is being piloted, and it is hoped that the project will be rolled out in the Western Region if it is successful.

Prof Houghton's ongoing work on the benefits of 'open access' for research publications gained international recognition when in 2007 he was commissioned by the Joint Information Systems Committee (JISC) in the UK, which has a mission of supporting education and research through the innovative use of ICT, to undertake a major study on the value of open access in the UK. JISC has a sizeable repositories program and Prof Houghton's work on the broader economic value of open access is of considerable interest. JISC has allocated over \$300,000 to the project. During 2008 this was extended to parallel open access projects with other countries in Europe, notably the Netherlands, Denmark and Germany.

Table 2.1 External research income 2007 and 2008 (\$'000)

	2007	2008
External Grants (ARC)	113	54
Other External Research Income	<u>639</u>	<u>1332</u>
Total research income	752	1386

Two important projects undertaken during 2008 arose out of the Australian Government's plans to introduce an emissions trading scheme, the Carbon Pollution Reduction Scheme (CPRS). One was for the CRC for Rail Innovation and was entitled *Transforming Rail: A Key Element in Australia's Low Pollution Future*. The project involved the preparation of ten individual studies and a final report. With funding of \$200,000, it was led by Prof Sheehan but involved a number of the Centre's key researchers. The other was a study of the impact of the emissions trading scheme for Victoria's Latrobe Valley. Led by Dr Sally Weller and Prof Sheehan, it was entitled *The Impacts of a CPRS in the Latrobe Valley*, and attracted funding of \$85,000.

2.2 Expenditure on direct infrastructure

The total expenditure on direct infrastructure – data, publications, software and equipment – within the Centre in 2008 is detailed below. The table 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 2.2 CSES research infrastructure expenditure 2008 (\$)

	2008
Information resources	20,715
Computer equipment	12,775
Computer software	25,338
Total	58,829

3. Outputs

Although the Centre has placed an increasing emphasis on high quality refereed journal publications, much of the output of the Centre is in the form of research reports written under contract for various agencies, as well as publications in books and conference presentations. The income from contract research helps to support those outputs that count as such for DEST purposes (e.g. refereed publications and supervision of PhD students). A full CSES publications list and research activities are presented in Appendix A1.2.

3.1 CSES total weighted HERDC publications 2008

Table 3.1 CSES publications HERDC points

Format	Number	HERDC points (est.)
Books	3	15.000
Chapters in books	9	6.500
Journal articles, refereed	20	17.335
Conference papers, refereed	12	11.160
TOTAL points		49.995

3.2 Evidence of strong quality dimension within the published output

The table below provides details of CSES refereed journal articles for 2008 and forthcoming in 2009. DEST points, ISI ranking and ERA rankings¹ are also provided.

Table 3.2 Refereed journal article details and impact, 2008 and forthcoming 2009

2008 Article Details	HERDC points (est.)	ISI impact factor	ERA ranking
1. Chen, P. and Islam, S.M.N. 2008, 'Planning the firm's financing mix: Optimal control modelling and computation', <i>Advances in Financial Planning and Forecasting: A Research Annual</i> , vol. 3, pp. 37-66. ISSN: 2072-1897.	1	-	-
2. Cheng, E. and Ahmed, A. 2008, 'Demand for credit: A determining factor for low coverage of microfinance'. <i>China Economic Quarterly</i> , vol. 7, no. 4, pp. 1391-1414.	1	-	C
3. Craven, B. and Islam, S.M.N. 2008, 'A model for stock market returns: Non-Gaussian fluctuations and financial factors', <i>Review of Quantitative Finance and Accounting</i> , vol. 30, no. 4, pp. 355-370. ISSN 0924-865X.	0.5	-	B
4. Grewal, B. 2008, 'Intergovernmental fiscal transfers for China's harmonious society', <i>Public Finance and Management</i> , vol. 8, no. 4, pp. 602-638. ISSN: 1523-9721.	1	-	-
5. Grewal, B. 2008, 'Symposium On China's Public Finances: Part 1: Development strategy, revenues and fiscal transfers', <i>Public Finance and Management</i> , vol. 8, no. 4, pp. 561-567. ISSN: 1523-9721.	1	-	-
6. Houghton, J.W., Steele, C. and Sheehan, P. 2008. 'Scholarly communication costs in Australian higher education', <i>Higher Education Management and Policy</i> , vol. 20, no. 3, pp. 27-44. ISSN: 1682-3451.	0.66	-	-
7. Hui Boon Tan, Chee Wooi, Hooy, Islam, S.M.N. and Manzoni, A. 2008, 'Relative efficiency measures for the knowledge economies in the Asia Pacific region', <i>Journal of Modelling in</i>	0.5	-	C

¹ ERA ranking used at <http://research.vu.edu.au/ordsite/management/ERArankings.xls>

<i>Management</i> , vol. 3, no. 2, pp. 111-125. ISSN: 1746-5664.			
8. Lichtenberg, F. 2008, 'Have newer cardiovascular drugs reduced hospitalization? Evidence from longitudinal country-level data on 20 OECD countries, 1995-2003', <i>Health Economics</i> , vol. 17, no. 7. DOI: 10.1002/hec.1382, at: http://www3.interscience.wiley.com/journal/120750818/abstract ISSN: 1057-9230.	1	1.648	A
9. Liddle, B. 2008, 'Long-run relationship among transport demand, income, and gasoline price for the US', <i>Transportation Research Part D: Transport and Environment</i> , vol. 14, no. 2, pp. 73-86, link ISSN: 1361-9209.	1	1.319	A
10. Manzonei, A. and Islam, S.M.N. 2009, 'Measuring the performance of supply chain networks in Australia: A business process model using DEA', <i>International Journal of Value Chain Management</i> . ISSN (Print) 1741-5357 ISSN (Online) 1741-5365.	1	-	-
11. Sheehan, P. 2008, 'The new global growth path: Implications for climate change analysis and policy', <i>Climatic Change</i> , vol. 91, nos 3-4, pp. 211-231. ISSN (Print) 0165-0009, ISSN (Online) 1573-1480.	1	2.890	A
12. Sheehan, P., Jones, R. et al. 2008, 'Climate change and the new world economy: Implications for the nature and timing of policy responses', <i>Global Environmental Change</i> , vol. 18, no. 3, August, pp. 380-396. ISSN 0959-3780.	0.375	3.915	A
13. Sheehan, P. and Grewal, B. 2008, 'Strategic change and the limits of central authority in China', <i>Public Finance and Management</i> , vol. 8, no. 4. ISSN: 1523-9721.	1	-	-
14. Tegart, G. 2008, 'An Australian viewpoint of nanotechnology issues', <i>International Journal of Technology Transfer and Commercialisation</i> , vol. 7, nos 2/3, pp. 123-128. (Special Issue: Papers from the Commercialization of Micro and Nano Systems Conference, Melbourne, 2-5 September, 2007). ISSN (Print) 1470-6075, ISSN (Online) 1741-5284.	1	-	C
15. Tegart, G., Damrongchai, N. and Johnston, R. forthcoming 2008, 'The impact foresight studies on human healthcare in the post-genomic era', accepted for publication in <i>International Journal for Technology Management</i> .	0.3	-	C*
16. Tran Van Hoa, 2008, 'Australia-China Free Trade Agreement: Causal empirics and political economy', <i>Economic Papers</i> , vol. 27, no. 1, pp. 19-29. ISSN 0812-0439.	1	-	B
17. Tran Van Hoa, 2008, 'Education and economic development in East Asia Summit economies: A study in China-India public service efficiency and competitiveness', <i>Journal of the Asian Forum on Business Education</i> , vol. 1, no. 1, pp. 59-74. ISSN: 2071-7873.	1	-	-
18. Weller, S. 2008, 'Beyond global production networks: Australian fashion week's trans-sectoral synergies', <i>Growth and Change</i> , vol. 39, no. 1, pp. 104-122. ISSN: 0017-4815	1	0.833	B
19. Weller, S.A. 2008, 'Are labour markets necessarily 'local'? Spatiality, segmentation and scale', <i>Urban Studies</i> , vol. 45, no. 11, pp. 2203-2223. ISSN: 0042-0980.	1	1.274	A
20. Weller, S.A. 2008, 'Book reviews: Work, Locality and the Rhythms of Capital (J. Gough 2003)', <i>Tijdschrift voor Economische en Sociale Geografie</i> , Royal Dutch Geographical Society, vol. 99, no. 5, pp. 638-641. ISSN: 0040-747X.	1	0.413	B
TOTAL HERDC POINTS		17.335	

Note: *ABDC ranking.

3.3 Number of PhD and DBA completions, since 2000

Student	PhD thesis title	Supervisor	Year completed
Kim Sweeny	Accounting for Growth in the Pharmaceutical Benefits Scheme	Peter Sheehan	2008
Sudath Arumapperuma	Petroleum Resources, Interdependence and Development: A Case Study of the Gulf Corporation Council Countries	Peter Sheehan	2007
Kashif Rashid	A Comparison of Corporate Governance and Firm Performance in Developing (Malaysia) and Developed	Sardar Islam	2007

	(Australia) Financial Markets		
Alexis Esposto	The Impact of Technology on Earnings Inequality in Australia	Peter Sheehan	2005
Sally Weller	Liberalisation on Commodity Chains in the Australian Clothing Industry	Peter Sheehan	2004
Dexin Yang	Foreign Direct Investment from Developing Countries: A Case Study of China's Outward Investment	Bhajan Grewal	2004
Jamie Sanderson	An Analysis of Climate Change Impact and Adaptation for South East Asia	Sardar Islam	2003
Mathew Clarke	Is Economic Growth Desirable? A Net Benefit Index Analysis of Economic Growth in Thailand	Sardar Islam	2003
Yvonne Dunlop	Low Paid Earners in the Australian Labour Market	Peter Sheehan	2002
Yan Guo	Developing the Information Industries in China 1979–1996: A Case Study in Government Learning in the Plan to Market Transition	Peter Sheehan	2002
Asoka Wettasinghe	The Diversity and Effectiveness of Industrial Policies in East Asia: A Case Study of the Republic of Korea, Malaysia and Thailand 1960–1997	Peter Sheehan	2002
Galina Tikhomirova	Information Technology Industries and National Competitiveness	Peter Sheehan	2002

Student	DBA thesis title	Supervisor	Year completed
Ibrahim Al-Rahbi	An Empirical Study of the Key Knowledge Economy Factors for Sustainable Economic Development in Oman	Bhajan Grewal	2008
Tanachart Raoprasert	Japanese Management Adaptation, Particularly in Thailand	Sardar Islam	2008
Alex Manzoni	A Performance Measurement Model for a Productive Unit of a Commercial Enterprise in Australia	Sardar Islam	2007
Mohamed Rusydi	The Determination of the Efficient Exchange Rate: Mathematical Models and Applications to Indonesia	Sardar Islam	2006
Mohammad Aba-Bulgu	Stochastic Optimisation Model for Financial Planning	Sardar Islam	2004
Christina Mak	Cost-Benefit Analysis Related to Pharmacoeconomics	Sardar Islam	2005
Watanapalachaikul Sethapong (Paul)	Financial Econometrics of a Developing Economy: A Study of the Thai Stock Market	Sardar Islam	2004
Songporn (Beau) Hansanti	Financial Liberalisation and the Crisis in Thailand in 1997	Peter. Sheehan	2004
Sethapong (Paul) Watanapalachaikul	The Characteristics of the Financial System of Developing Countries: A Study of the Thai Stock Market	Sardar Islam	2003
K. B. Oh	An Empirical Analysis of the Financial Issues in the Australian E-commerce Sector	Sardar Islam	2001
Mohani Abdul	Personal Income Tax Non-Compliance in Malaysia	Peter Sheehan	2001

3.4 List of technology transfer activities

Workshops and participation in conferences*	10
Invited papers and presentations	25
Research reports	15

Note: Includes organizing or chairing conferences, does not include presentations. See Appendix for details.

4. Staff 2008

The Centre has over a period of years built a small but highly qualified team, capable of producing high quality research outputs in applied economics, with a focus on better understanding the forces of globalisation, the development of the knowledge economy and their implications for economic, social and political change. Funding under PRIP has given CSES the opportunity to take this to a new level. Along with the appointment of Prof Frank Lichtenberg of Columbia University, New York as an Adjunct Professor in 2006, Dr Sally Weller and Dr Brant Liddle, were both appointed as Senior Research Fellows in 2007 from funding provided by PRIP. In 2008 Dr Andrew Van Hulten joined the staff, as a University post-doctoral fellow. Also during 2008 agreement was reached that Dr Alex English would come to the Centre from Chinese University of Hong Kong as a University post-doctoral fellow, and that Prof Bob Gregory and Dr Roger Jones (from ANU and CSIRO respectively) would join the Centre in 2009.

4.1 Staff holding research grants or research contracts

John Houghton	Kim Sweeny
George Messinis	Greg Tegart
Dana Nicolau	Tran Van Hoa
Bruce Rasmussen	Sally Weller
Peter J. Sheehan	

4.2 Number of equivalent full-time research staff 2008

Peter J. Sheehan	1
Bruce Rasmussen	1
Frank Lichtenberg	0.25
John Houghton	1
Sardar M.N. Islam	1
Bhajan Grewal	0.6
Tran Van Hoa	0.6
Greg Tegart	0.4
Ainsley Jolley	0.5
Kim Sweeny	1
Enjiang Cheng	0.2
Sally Weller	1
Brant Liddle (March-December)	1 (0.833)
George Messinis	1
Ahmed Abdullahi	1
Fiona Sun	0.2
Dana Nicholau	0.4
Alison Welsh (July-December)	1 (0.5)
Neelam Maharaj (March-December)	0.4 (0.833)
Andrew van Hulten	1
Alex English (September-December)	1 (0.33)
Stephen Parker	1
TOTAL FTE	15.65

5. Students 2008

As well as supervising PhD students enrolled directly with the Centre, CSES staff are also involved as supervisors of the thesis component of a number of DBA students enrolled with the Faculty. See Appendix for more details.

5.1 Number of equivalent full-time research students (including DBAs) supervised by CSES staff, 2008

PHD student name	Thesis title	Supervisor	FTE
1. Said Al-Saqri	Petroleum Resources, Interdependence and Development: A Case Study of the Gulf Corporation Council Countries	Peter Sheehan	1
2. Jim Brumby	Fiscal Space and Budgetary Management	Bhajan Grewal	0.5 (0.25)*
3. Helena Grunfeld	Innovative Models for Telecommunications Network Deployment in Developing Countries	John Houghton	0.5
4. Thi Thanh Van Hoang	Strategic Market Planning for Second-Tier Cities: An Application to Vietnam	Tran Van Hoa	1
5. Baharuddin Muhammad Hussin	Dynamic Behaviour of Earnings and Capital Market Responses (Volatility and Anomaly): A Risk Management Perspective	Sardar Islam	1 (0.5)*
6. Baliira Kalyebara	Using Expected Value of Perfect Information to Improve Capital Budgeting Decision Making	Sardar Islam	0.5
7. Tri Dung Lam	Vietnam, 1986-2005: 20 Years Since the Economic Transition From Plan to Market, the Gains and the Losses in the Absence of Political Reforms.	Peter Sheehan	1
8. Yew Choe (Nicholas) Lum	Econometric Study of the Foreign Exchange Market	Sardar Islam	0.5
9. Prabodh Malhotra	Pharmaceutical Industry and Public Health in Developing Countries: A Comparison Study of India and China	Bhajan Grewal	1
10. Valerie McGown	The Effectiveness of Quality Control Systems in Australia and Japan: A Comparative Analysis	Peter Sheehan	0.5
11. Kevin Morgan	Capital Investment in Broadband Infrastructure	Peter Sheehan	1
12. Siti Nuryanah	Capital Markets, Accounting Irregularities and Corporate Governance	Sardar Islam	1 (0.5)*
13. Stephen Parker	A Study of Renewable Energy and Emissions Policy	Peter Sheehan	1 (0.5)*
14. Quynh Anh Pham	Industrialisation in Vietnam: An Analysis of Manufacturing Competitiveness and Policy Options	Peter Sheehan	1
15. Bruce Rasmussen	Development Paths of Australian Biomedical Companies	Peter Sheehan	0.5
16. Chokchai Suwetwattanakul	Knowledge Management in Thai Organisations	Sardar Islam	1
17. Kim Sweeny	Competition in Australian Pharmaceutical Markets and the Returns to Innovation	Peter Sheehan	0.5 (0.25)**
18. John Symons	Corporate Climate Change Risk Management: An Investment Decision Model	Sardar Islam	1

19. Syurkani Syurkani	Inflation Dynamics and Monetary Policy in Indonesia	Peter Sheehan	1
20. Thanet Wattanakul	Economic and Trade Policy in Thailand: An Econometric Approach		1
TOTAL PHDs FTE			14.5

*Commenced in Semester 2, 2008.

**Semester 1, 2008 only.

DBA student name	Thesis title	Supervisor	FTE
1. Arun Anton	Project Appraisal Methods	Sardar Islam	0.5
2. Aleksandar Bradilovich	The Transfer of Tacit Intellectual Capital into Explicit Organisational Capital in Medium-sized Organisations: An ERP Approach	Sardar Islam	0.5
3. Rodney Con Foo	SME Exit and the Role of Risk and Uncertainty	Sardar Islam	0.5
4. Victoria Gonzalez	Accounting Information, Corporate Governance and Firm Performance: An Econometric Study	Sardar Islam	0.5 (0.25)*
5. Kumudini Heenetigala	Board Leadership, Corporate Governance and Firm Performance	Sardar Islam	0.5
6. Socrates Karagiannidis	Mergers and Acquisitions in Australia: Reasons and Timing	Peter Sheehan	0.5
7. Jenny Lac	Risk Management, Corporate Governance and Financial Management in Small Businesses in Australia: An Optimisation Approach	Sardar Islam	1
8. Hong Hoa Pham	A Model of Strategic Marketing Adaptation and Performance of Multinational Corporation Subsidiaries in Vietnam: An Empirical Investigation	Sardar Islam	1
9. Toh Ung	Factors for Successful Franchising in Australia	Sardar Islam	0.5
10. Neale Wardley	Effectiveness of Tradable Emissions Permits in the Abatement of Greenhouse Gases	Peter Sheehan	0.5
TOTAL DBAs FTE			5.75

*Commenced in Semester 2, 2008.

5.2 PhD and DBA completions since 2000

Year	PhD completions	DBA completions
2000	0	0
2001	0	2
2002	2	0
2003	2	1
2004	2	3
2005	1	1
2006	0	1
2007	2	1
2008	1	2
TOTAL	10	11

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

All CSES PhD students except for 2 were employed within 3 months, with student unknown. Galina Tikhomirova (finished 2002) returned to Russia and did not seek immediate employment. Guo Yan (finished 2002) and chose to look after her family. Joseph Camileri (finished 1997) went overseas and it is not known if and when he obtained employment.

6. University Involvement

Victoria University has embarked on a major repositioning of its core teaching and research activities to ensure closer alignment to the changing needs of students, enterprises and communities. The *Making VU* program provides the initial plan and approach for moving the University towards its objectives by 2016. The Centre has made a significant contribution to the information base on which this major strategic initiative is founded, through two projects commissioned by the Vice-Chancellor

6.1 Industry and community cluster studies

One key aspects of the program is to align courses across the sectors around 12 industry and community clusters. A roundtable of industry representatives for each cluster has been established. The Centre has drafted a briefing paper on each cluster, which is designed to draw on national and international information sources to provide background on the economic trends and the prospects for employment in each cluster. The common format reviews the global context for the particular sector, how the sector has performed in Australia, and employment trends at a state and Western Region level. The papers are initially provided to Course Coordination Committees before being combined with student and course data for consideration by the Roundtables.

Papers have been prepared for:

<ul style="list-style-type: none"> • Education and Transition • Sport and Recreation • Hospitality and Tourism • Transport and Logistics • Financial and Economic Services • Law and Legal Services • Marketing Services 	<ul style="list-style-type: none"> • Engineering and Infrastructure • Human Services • Information and Communication Technology • Health • Cultural and Creative Industries
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The work has been undertaken by Bruce Rasmussen and Neelam Maharaj, with assistance from other CSES staff. The Centre's involvement was at the specific request of the Vice Chancellor who saw it as an opportunity to draw on the Centre's expertise to further the strategic objectives of the University.

6.2 The Diversity and Performance of Students at Victoria University

During 2008 the Vice-Chancellor also commissioned CSES to undertake a study to understand the diversity and academic performance of the student population at the University, which is a multi-sector institution serving in good part a low income, diverse community in the west of Melbourne. The University's student population varies across a number of dimensions that are central to current policy debates, including socio-economic status, cultural and language diversity, the interaction between work and study and the differences and similarities between vocational and higher education. This study was not only intended to improve the ability of the University to support its own students but also to provide insights for national policy and for other education providers facing similar complex educational challenges.

The study was based on data from the Victoria University Student Information Service (VUSIS), accessed in February 2008. The project database contains 350,000 unit records of student enrolments for the period 2003-2007 inclusive, covering 130,000 different students. Given the operational focus of VUSIS, different types of enrolments are treated differently, but for higher education students the basic unit of record is the enrolment for a given course for a semester. The central measure used in this analysis is unique student enrolments in each year, where the enrolment activity of a given student in a particular year is the unit of analysis. 108,000 students provided an Australian home address (which may differ from the address at which they live during the academic year), and some 92,000 of these were successfully geocoded to Census Collectors Districts (CCDs) for the 2006 Census year. This allowed the full range of economic and social information on individual CCDs available from the Australian Bureau of Statistics, Census 2006 to be utilised in the analysis.

Two reports emerged from the project. These were provided to the Vice-Chancellor and the senior management, and widely dispersed through the University to assist decision-making processes. The studies were led by Dr George Messinis, with support from Prof Peter Sheehan and Dr Zdenko Miholcic.

The first report sketched the diversity of the student body at Victoria University over the period 2003-07. In particular, it reported aggregate measures of diversity by age, gender, socio-economic status (SES), cultural and linguistic diversity (CALD), institutional sector, course, and labour force status. Exploratory cluster analysis utilised student characteristics data to identify significant segments of Victoria University's student population in 2007. The second report built on the first to identify the key factors that the impact on the academic progress of VU students in 2007. Both of these reports are available on the Centre's website.

7. Faculty Involvement

7.1 Funds and in kind contribution from the faculty

For the calendar year 2008 the Faculty paid \$100,000 to the Centre in terms of general research centre support, and 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 Faculty, from the Executive Dean down, is greatly appreciated.

7.2 Number of full-time equivalent Faculty staff attributing work and grants through the unit/centre

The Centre has a wide variety of linkages with members of staff of other Departments and Centres within the Faculty of Business and Law. Currently the CSES has 51 research associates from a variety of departments within the university, the vast majority of which were within the Faculty of Business and Law. It also has 6 research associates from other organisations. See Appendix for the full list of research associates and their affiliations.

7.3 Listing of other activities demonstrating interaction between Faculty and Centre (e.g. teaching and supervision arrangements)

Supervision: The centre supervised 10 DBA students during 2008, all of which are enrolled in the Victoria Graduate School of Business (FOBL) rather than the CSES (see list in Section 5.1).

Teaching: Prof. Sardar Islam taught 3 subjects in 2008 in the Doctorate of Business Administration Program:

- Corporate Governance (shared)
- Business Research Methods
- Research Proposal Preparation and Writing Corporate Governance (shared)

Joint publications:

Manzoni, A and Islam, S.M.N. 2008, 'A Model for Collaborative Analysis of Globally Competitive Industries: Data Envelopment Analysis Approach', invited paper presented at the 2nd R&DID International Conference, University of the Thai Chamber of Commerce, Bangkok, 3-4 March.

Manzoni, A and Islam, SMN 2008, 'The Development of an Optimisation Model for Collaboration in Global Supply Networks', refereed and published paper in Proceedings of the International Conference on Business and Management, Faculty of Business, Economics & Policy Studies, Universiti Brunei Darussalam, Bandar Seri Begawan, Brunei Darussalam, 9-10 January.

Manzoni, A. and Islam, S.M.N. forthcoming 2009, Performance Measurement in Corporate Governance: DEA Modelling and Implications for Organisational Behaviour and Supply Chain Management, Springer, Heidelberg.

Joint doctoral supervision:

Prof. Sardar Islam with Profs Colin Clark, Stephen Martin, Anona Armstrong, Ray Anderson, and Dr Nick Billington.

Joint research and collaboration activities: At an individual researcher level the Centre also has a range of collaborative activities with various members of staff and students within the Faculty. Consideration is being given to documenting them more fully and extending them, making use of new research facilitation arrangements within the Faculty.

8. External Collaborations and Partnerships

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

Australian National University	Monash University
Columbia University	Nanjing Agricultural University
Deakin University	Peking University
Loughborough University	Tsinghua University

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

Asian Development Bank (Manila)
Association for Chinese Economic Studies (Australia)
APEC (LISF)
AusAID
Ausbiotech Ltd
Australian Computer Society
Australian Greenhouse Office
Bristol Myers Squibb
Business Council of Australia
Committee for Economic Development of Australia (CEDA)
CSIRO
Department of Broadband, Communications and the Digital Economy
Department of Education, Science and Training (DEST), Canberra, now DEEWR
Department of Industry, Tourism and Resources (DITR), Canberra, now DIISR
Department of Innovation, Industry and Regional Development (DIIRD), Victoria
Eli Lilly (Australia)
IBM Life Sciences
Joint Information Systems Committee (JISC) (UK)
Loughborough University (UK)
Medicines Australia
Merck Company Foundation (US)
Merck, Sharp and Dohme (Australia)
Organization for Economic Cooperation and Development (France)
Pfizer Pty Ltd
SEEK
StarPharma
US PhRMA (US)
Vietnam Institute for Trade (Ministry of Trade) (Hanoi)
Western Australian Technology and Industry Advisory Commission (TIAC)
World Bank (US)

8.3 Advisory Board

Ms Jane Niall DIIRD
Mr Peter Wilson AHRI

Mr Geoff Frankish JBWere Goldman Sachs
Ms Sara Pantzer Merck & Co
Dean B&L (ex officio)
DVC Research and Region (ex officio)

8.4 Any measures or indicators of esteem (e.g. editorship of journals, member of learned associations)

Reviewer for journal articles

Islam, S.M.N. 2008, Reviewer for articles in *Journal of Modelling in Management* (C grade journal), *International Business Review* (B grade journal) and *International Journal of Electronic Customer Relationship Management* (C grade journal).

Messinis, G. (2009) February, Reviewer for an article in *Education Economics*.

Rasmussen, B. 2008, September, Reviewer for an article in *Innovation: Management, Policy and Practice*.

Sweeny, K. 2008. December, Reviewer for an article in *Australian and New Zealand Journal of Public Health*.

Weller, 2008, Reviewer for articles in *Environment and Planning A* (A grade journal), *Journal of Economic Geography* (A grade journal), *Economic Geography* (A grade journal), *Management Research News* (C grade journal), and *Global Labour* (C grade journal).

Book reviews

Grewal, B.S. 2008, Review of *Korea as a Knowledge Economy: Evolutionary Process and Lessons Learned* (edited by J. Suh and D.H.C. Chen, World Bank Publications, Washington, 2007, ISBN 978 0 821 37201 3), in *Asian-Pacific Economic Literature*, Crawford School of Economics and Government, The Australian National University and Blackwell Publishing Asia Pty Ltd, vol. 22, no. 2, pp. 63-64.

van Hulten, A. 2008, Review of *International Finance and Development* (edited by J.A. Ocampo, J. Kregel and S. Griffith-Jones, Zed Books, London, 2007, ISBN: 9781842778616), in *Progress in Development Studies*, vol. 8, no. 34, pp. 300-301..

Weller, S. 2008, Review of *Work, Locality and the Rhythms of Capital* (by J. Gough, Continuum, London, 2003, ISBN: 978-0-8264-6284-8), in *Journal of Economic and Social Geography*, vol. 99, no. 5, pp. 638-641.

Examiner of PhD thesis

Grewal, B. 2008, Examiner of PhD thesis 'Tax Reform and Social Welfare in Indonesia: An Empirical Investigation', James Cook University, Townsville.

Ahmed, A. 2008, Examiner of PhD thesis 'Essays on International Financial Integration, International Equity Holdings and Financial Volatility', University of New South Wales, Sydney.

Editorial duties

Sardar Islam:

Editorial Advisory Board Member	<i>Journal of Modelling in Management</i>
Associate Editor	<i>Asia-Pacific Journal of Accounting and Economics</i>
Editorial Board Member	<i>International Journal of Monetary Economics and Finance</i>
Editorial Board Member	<i>Journal of Accounting, Business and Management</i>

Editorial Board Member *International Journal of Electronic Customer Relationship
Management*
Australia New Zealand Editor *International Journal of Environmental Creation*

John Houghton
Editorial Board *Telecoms Policy*

Submissions to external/public enquiries

Messinis, G. 2008, Submission to 'Review of National Innovation System, Department of Innovation, Industry, Science and Research', Australian Government, Canberra, April.

Messinis, G. 2008, Submission to 'Review Panel for the National Centre for Hellenic Studies and Research', La Trobe University, September.

Appendix

CSES Activities 2008

This year was one in which the Centre made 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 2008 listed in the next section.

PROJECTS AND GRANTS RECEIVED	
Victoria University PRIP	<p>The CSES was successful in a bid for funding through the Victoria University Priority Research Innovation Program (PRIP) for investment in research over 2006–2010. The Centre received \$3.25 million (\$650,000 per year) for the period for research in the area 'The Global Knowledge Economy in the 21st Century'. The key objective is to build a centre of excellence, of international scale and quality, by 2010, with a focus on the following areas: converging technologies – applications, implications and policy; medicines, health outcomes and industry development; energy use and climate change in the new economy; and governance and regional development issues. Main developments in 2008 was the receipt of external research funding supporting the program from the CRC on Rail Innovation and the Australasian Rail Association on the impact of emissions trading on the rail industry, and from the Department of Treasury and Finance (VIC) on the impact on the Latrobe Valley of emissions trading (see details below). Andrew van Hulst joined the research team with a postdoctoral position and 4 new PhD students participated in the program in 2008.</p>
Merck Company Foundation PPPI	<p>The Centre has been successful, against global competition, in being awarded one of ten grants of US\$200,000 per annum under the Merck Company Foundation Program on Pharmaceutical Policy Issues (PPPI) for a further three years, 2006–2008. The PPPI grants support outstanding faculty members and scholars capable of providing education and training, conducting rigorous, independent, policy-related research, and disseminating information related to pharmaceuticals and health. The central focus of the research is how companies, governments and other agencies respond to the major new round of product innovation in pharmaceuticals that is under way, and to the radical advances in science that are transforming the technological basis of the industry. The CSES project has four streams: (1) The Pharmaceutical Industry to 2010; (2) Health Costs, Drug Cycles and the Benefits of Innovation; (3) Innovation and Cost Management in Pharmaceutical Pricing; and (4) Structural Change, Innovation and Industry Development.</p> <p>Research outcomes for 2008 can be divided into three major projects completed – studies on value in the biopharmaceutical industry, the Australian Pharmaceutical Benefits Scheme and on the return to large scale investment in health innovation in the developing countries of APEC – and into a number of smaller scale projects.</p>
DIIRD matching grant	<p>The Victorian Government, through the Victorian Department of Innovation, Industry and Regional Development (DIIRD), has supported the Merck Company Foundation Grant mentioned above by providing matching funding of US\$50,000 per annum for the three years 2006–2008.</p>
DITR and DIIRD CDM-NET	<p>The Commonwealth Department of Industry, Tourism and Resources (DITR) and Victorian Department of Innovation, Industry and Regional Development (DIIRD), DIIRD have agreed to provide \$2 million each over two years to fund the CDM-NET Innovative Services Delivery Project (Barwon Region). CSES share is \$200,000. The project has becoming operational.</p> <p>The overall CDM-Net Project is an \$8.7 million pilot program, led by Precedence Research together with Barwon Health, to develop and test network-based methods to monitor and treat diabetes in the Barwon region. The commercial partners include IBM, CISCO, Intel and</p>

	<p>Working Systems Solutions, and the universities involved are Monash, Deakin and Victoria Universities. The project's Research and Evaluation Plan defines three research projects for which CSES will be the lead agency:</p> <ul style="list-style-type: none"> • Estimation of the overall public benefits of CDM-Net (health outcomes and costs, and other costs and benefits, linked to the case for a further roll out); • Business realisation and development evaluation (market potential in Australia and overseas for the products and service arising from the CDM-Net; and • Consultation with Melbourne Western Region related to potential roll out in the region.
<p>CRC for Rail Innovation</p>	<p>The CSES produced a final report of a project undertaken for the CRC for Rail Innovation, to study the implications of the introduction of an emissions trading scheme, and of potential responses to climate change more generally, on the rail industry in Australia. The analysis reported here is backed up by more detailed work contained in ten supporting papers, which will be also available from the CRC for Rail Innovation. A list of those papers is provided in Appendix of the final report. Total funding for the final report and papers was \$180,000. The supporting papers are to be finalized in early 2009.</p>
<p>APEC LISF VI</p>	<p>The APEC Life Sciences Innovation Forum (LISF) program provided funding in health research for US\$90,000 in 2008. A framework paper was prepared by Peter Sheehan, Bruce Rasmussen and Kim Sweeny in collaboration with Zheng Xiaoying from the Institute for Population Research (Peking University, Beijing). It was presented at the Sixth Annual APEC Life Science Innovation Forum (LISF VI) in Lima, Peru in 14-15 August 2008, titled ‘Investing in the Future: An Assessment of the Returns to Investment in Health Innovation’. Peter Sheehan is Co-chair of the APEC LISF.</p>
<p>Department of Treasury and Finance</p>	<p>A draft report was presented in November 2008 to the Department of Treasury and Finance titled: <i>Carbon Pollution Reduction Scheme: Adjustment Strategy for the Latrobe Valley</i>. This report examines the social and economic impacts that a carbon pollution reduction scheme (CPRS) is likely to produce in Victoria's Latrobe Valley, the brown-coal rich region where most of Victoria's electricity is currently generated. The report's content is based on a review of reports and submissions on the CPRS and its regional impacts, detailed analysis of unpublished ABS Census and other statistical data, as well as interviews with key stakeholders in the Latrobe Valley. The final report will be delivered in February 2009 with total funding of \$87,200.</p>
<p>ICT JISC project Funding</p>	<p>John Houghton at the CSES has become a leading player internationally in the debate about open access to research findings. He has been working with the European Knowledge Exchange² to advance national studies on these issues. The major focus of recent activity has been a series of studies exploring the Economic Implications of Alternative Scholarly Publishing Models. The main project has been funded by the UK Joint Information Systems Committee (JISC), and the report's publication in January 2009 marked the culmination of a year long project led by John Houghton, involving Bruce Rasmussen and Peter Sheehan, together with a six person team based in the UK, led by Prof. Charles Oppenheim at Loughborough University. The release of the report was noted in The Times Higher Education (THE) and elsewhere. Funding for the report totalled £100,000.</p> <p>CSES, jointly with Loughborough University, received a grant of approximately from the Joint Information Systems Committee (JISC) in the UK in late 2007 to study open access issues. The project was finalised in late 2008 with the final report due in January 2009 titled: 'Economic Implications of Alternative Scholarly Publishing Models: Exploring the Costs and Benefits'.</p> <p>JISC also provided funding for two other projects in 2008 with John Houghton as principal</p>

² The European Knowledge Exchange is a European group working to support the use and development of ICT infrastructure for higher education and research. The sponsoring partners are the Joint Information Systems Committee (JISC) in the United Kingdom, Denmark's Electronic Research Library, the German Research Foundation, and the SURF Foundation in the Netherlands.

	<p>CSES investigator. The first project was in collaboration with the Department of Information Science (Loughborough University, UK) on 'Identifying Benefits Arising from the Curation and Open Sharing of Research Data Produced within UK Higher Education and Research Institutes: Exploring Costs and Benefits'. Funding totalled £50,000.</p> <p>The second project was in collaboration with EIM Business and Policy (Zoetermeer, The Netherlands) was titled 'Costs and benefits of Research Communication: The Dutch Situation', with funding totalling €28,739.</p>
OECD ICT projects	<p>Working as a consultant to the Organization for Economic Cooperation and Development (OECD), in the past John Houghton has helped define a research program on digital delivery and produced a number of the reports arising from it. In 2008, funding was provided with John Houghton as lead investigator from the (France) and the National Academy of Science (NAS) (USA) on the Economics of Scientific Publishing and Public Sector Information. See Other Activities below for more details.</p> <p>The OECD also provided funding on globalization and trade in ICTs, with John Houghton finalizing two chapters of the <i>OECD Information Technology Outlook</i> (2009); and on ICTs and the environment. Total funding for 2008 was \$27,500.</p>
DBDCDE funding	<p>The Department of Broadband Communications and Digital Economy (DBCDE) (Canberra) provided funding for a project titled 'Digital Economy Benchmarking of Australia at the Sectoral Level', for a project carried out with the collaboration of the Strategic Networks Group (Ontario, Canada) and funding worth AUS\$97,750. CSES researchers include John Houghton, Bruce Rasmussen and Alison Welsh.</p>
ARC funding	<p>Professor Tran Van Hoa was granted an ARC Linkage grant for the years 2009-2011 on the 'Impact of Australia-ASEAN Trade Liberalisation on Development and Poverty in Asia: An Econometric Analysis'. The industry partner is the Vietnam Trade Institute (Ministry of Trade, Vietnam), with Dr Nguyen Van Lich as Partner Investigator. Funding for AUS\$300,000 was obtained for the three-year period.</p> <p>Dr Sally Weller received funding from an ARC APD-ECR³ Fellowship on the restructuring of Australia's aviation industry and labour market after the collapse of Ansett Airlines with 2008 funding of \$63,931.</p> <p>Associate Professor Danny Ben-Moshe is joining CSES in January 2009 and his appointment relates to an ARC Linkage (2nd Round) grant titled: Australian Diasporas and Brain Gain: Exploring Current and Potential Transnational Linkages' which now will be undertaken at CSES. Danny Ben Moshe is chief investigator along with C. Hugo (University of Adelaide), L. Baldassar (University of Western Australia) and T. Joiner (La Trobe University). Partner investigators are S. Francis (Centre for Multicultural Youth Issues) and O. Andreevski (Embassy of the Republic of Macedonia). Linkage partners are the Victorian Multicultural Commission, the Australian Vietnamese Women's Welfare Association, the Centre for Multicultural Youth Issues, the Embassy of the Republic of Macedonia, COASIT Italian Historical Society, the Italian/Australian Welfare and Cultural Centre Inc., and the Council for International Trade and Commerce SA Inc. Total ARC funding for the years 2008-2011 is \$255,750.</p>
DITR and DIIRD CDM-NET	<p>The Commonwealth Department of Industry, Tourism and Resources (DITR) and Victorian Department of Innovation, Industry and Regional Development (DIIRD), DIIRD have agreed to provide \$2 million each over two years to fund the CDM-NET Innovative Services Delivery Project (Barwon Region). CSES share is \$200,000. The project is now becoming operational.</p> <p>The overall CDM-Net Project is an \$8.7 million pilot program, led by Precedence Research together with Barwon Health, to develop and test network-based methods to monitor and treat diabetes in the Barwon region. The commercial partners include IBM, CISCO, Intel and Working Systems Solutions, and the universities involved are Monash, Deakin and Victoria</p>

³ An APD is an Australian Research Council (ARC) Postdoctoral Fellowship and an ERC is an ARC Early Career Research Fellowship.

	<p>Universities. The project's Research and Evaluation Plan defines three research projects for which CSES will be the lead agency:</p> <ul style="list-style-type: none"> • Estimation of the overall public benefits of CDM-Net (health outcomes and costs, and other costs and benefits, linked to the case for a further roll out); • Business realisation and development evaluation (market potential in Australia and overseas for the products and service arising from the CDM-Net; and • Consultation with Melbourne Western Region related to potential roll out in the region.
SEEK funding	<p>The CSES continues on with a joint research venture which commenced in 2005 with SEEK Limited in developing the SEEK Employment Index. Peter Sheehan and George Messinis with the collaboration of Ahmed Abdullahi and Zdenko Miholcic 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. Funding received for 2008 totalled \$102,000.</p>
CRCSI	<p>The CRC for Spatial Information (CRCSI) commissioned ACIL Tasman to conduct a study on the economic impact of the spatial information industry in Australia. The CSES together with the John Curtin Institute of Public Policy at Curtin University in Western Australia was commissioned in September 2008 to complement and provide data for an update of the work of ACIL Tasman, as well as to inform the CRCSI and the geospatial community within Australia of current spatial industry trends. Bruce Rasmussen heads the team at CSES with the assistance of Peter Sheehan, John Houghton, Alison Welsh and Dana Nicolau. John Phillimore heads the team from Curtin University assisted by Paul Koshy and Jeff Harwood. Total funding for the project is \$63,900 with a project duration of 6 months.</p>
CRD BID	<p>The CRC for Biomedical Imaging Development (BID) commissioned the CSES to conduct a study on "An Economic Analysis of Expected Benefits from the CRC BID's Research Program" in September 2008. The research team is headed by Bruce Rasmussen with the assistance of Kim Sweeny, Frank Lichtenberg and Alison Welsh. Total funding for the project is \$30,000 with a duration of approximately 6 months.</p>
Smart Water project	<p>Sally Weller and Alex English finalised a report titled aimed at developing a better understanding of the social and economic effects of Class 3a water restrictions on sporting fields in within Melbourne. The report provided the social economic component of the "Sustainable Water Options for Sportsfields Project" which is funded by the Victoria Government's Smart Water Program and coordinated by the Centre for Sustainability at VU. Funds received by CSES for the report delivered in December 2008 \$28,000.</p>
Recycled Water project	<p>In 2008, the Sustainable Water, Environment and Innovation division of the Department of Sustainability and Environment commissioned Victoria University to undertake exploratory research to determine the level of demand and/or interest in the commercial and industrial use of recycled water in metropolitan Melbourne. The CSES (Sally Weller) and the Centre for Sustainability and Innovation (Nicholas Milne and Stephen Grey) jointly conducted this research titled 'Commercial and Industrial Use of Recycled Water in Melbourne Exploratory Research', in November and December 2008. The final report will be produced in 2009.</p>
OECD Working Party on Nanotechnology	<p>Two case studies were conducted by Bruce Rasmussen as part of the Australian contribution to a project on the business environment for nanotechnology being conducted for the OECD Working Party on Nanotechnology. Interviews were conducted in Western Australia for reporting to the project. Funds totalled \$7,500 and the duration of the project was 2 months.</p>
Health reports	<p>An important milestone has been reached in CSES health research with the completion of a study on <i>The Creation and Capture of Value in Biopharmaceuticals</i>. This study carried out by Bruce Rasmussen with the assistance of Peter Sheehan and Alison Welsh has been accepted by the publishing firm Edward Elgar for publication of a book to be finalised in</p>

2009.

Kim Sweeny with the assistance of Peter Sheehan has finalised a study on: *Accounting for Growth in the Pharmaceutical Benefits Scheme* which is under consideration for publication as a book. In addition further attention is being given to finalisation of a policy book concerning the pharmaceutical industry in Australia (for which a contract has been signed with Melbourne University Press), and to the publication of further papers. Late in 2008 the Centre also began a new study for Medicines Australia on the analysis of the recent reforms to the PBS.

Kim Sweeny was asked to provide advice to Eli Lilly Australia for use in the Federal Court Proceedings relating to Eli Lilly's Australian patents and their expiration. A fee of \$13,500. was paid for this service.

Victoria University cluster studies

CSES was commissioned in 2007 by the Vice Chancellor of Victoria University to prepare industry briefing papers for 12 Industry Roundtables and Course Coordinating Committees (CCC) as part of 'Making VU Happen' initiative. In 2008 reports on *Engineering and Infrastructure, Human Services, Legal Studies and Law, and Cultural and Creative Industries*, have been completed by Bruce Rasmussen and Neelam Maharaj. Total funds in 2008 was

VU Vice Chancellor's Office

This monograph reports on a unique study undertaken by the CSES for the VU Vice-Chancellor's Office in 2008 to explore the success rates for different segments of the highly complex student body at Victoria University (VU). VU is a multi-sector institution serving a low income, diverse community in the west of Melbourne and its student population varies across a number of dimensions that are central to current policy debates, including socio-economic status, cultural and language diversity, the interaction between work and study and the differences and similarities between vocational and higher education students.

The report titled: *The Diversity and Performance of the Student Population at Victoria University* was published in June 2009, and an update produced in December 2009 titled: *The Diversity of the Student Population at Victoria University*.

While this study is intended to improve the ability of VU to support its own students, it may also provide insights for national policy and other education providers facing similar complex educational challenges. Total funds received in 2008 were \$60,000.

VU ARC Discovery near miss funding

The CSES received funding for a near miss ARC Discovery grant application. The ARC grant application was submitted in March 2007 titled 'Emissions Paths and New Technologies in the New Global Economy: Implications for Climate Outcomes, Damage Probabilities and the Timing and Nature of Policy Responses'. Chief investigators were Peter Sheehan, Sardar Islam and Brant Liddle. Partner investigator was Roger Jones from the CSIRO. Funding received totalled \$20,000.

PUBLICATIONS HIGHLIGHTS

New books 2008

Three authored books and one edited book were published in 2008 by prestigious international publishers. The three authored books were *International Finance in an Emerging Market: Issues, Welfare Analyses and Policy Implications* by S. Hansanti, S.M.N. Islam and P. Sheehan (Springer), *Corporate Governance and Firm Value: An Econometric Study of Emerging and Developed Financial Markets* by K Rashid and S.M.N. Islam (Emerald/Elsevier) and *Formulation of Appropriate Laws: A New Integrated Multidisciplinary Modeling Approach and an Application to Electronic Funds Transfer Regulation* by P. White and S.M.N. Islam (Springer).

The edited book was published by Edward Elgar and editors were Tran Van Hoa and C. Harvie (University of Wollongong). It was and voted Book of the Month by the publishers.. CSES researchers authored 5 of the 14 chapters (Tran Van Hoa, Enjiang Cheng, Prabodh Malhotra and Bhajan Grewal). See publications list below for details. The published papers had been presented in a high-level international seminar in Melbourne on 24-25 November 2005 convened by Tran Van Hoa. The theme of the seminar was Issues of Trade, Development and Integration in an Enlarged ASEAN (the Association of the 10 Southeast Asian nations) where ASEAN is to be enlarged to include the world's other major countries

	and trading blocs outside the ASEAN region. It was organised by the CSES and funded by AusAID and the Faculty of Business and Law at Victoria University.
Forthcoming books	Four books have also been accepted for publication with prestigious international publishers and will be available in 2009. They are <i>Financial Liberalisation in Developing Countries: Issues, Theories, Time Series Econometric Analyses and Policy Making</i> by A. Ahmed and Islam (Springer), <i>Performance Measurement in Corporate Governance: DEA Modelling and Implications for Organisational Behaviour and Supply Chain Management</i> by A. Manzoni, and S.M.N. Islam (Springer), <i>Designing an Efficient Management System</i> by T. Raoprasert and S.M.N. Islam (Springer), and <i>Innovation and Commercialisation in the Biopharmaceutical Sector. Creating and Capturing Value</i> by B. Rasmussen (Edward Elgar).
Report launched	Greg Tegart was Lead/Chief investigator for the <i>Energy and Nanotechnologies: Strategy for Australia's Future</i> report by the Australian Academy of Technological Sciences and Engineering (Melbourne). The report was launched on 14 September by Minister Carr at Monash University in Melbourne.
CSES publications	In summary, CSES staff and students totalled 3 authored books (publishers Springer and Elsevier) and 1 edited book (publisher Elgar), with 4 books accepted for publication (publishers Elgar and Springer). As for research papers, they produced 15 chapters in books (commercial publishers), 26 refereed journal articles (11 of these forthcoming 2009) and 13 refereed and published conference papers. Staff were invited to present 24 papers and/or presentations in Australia and overseas, and produced 15 research reports.

PARTICIPATION IN HIGH LEVEL CONFERENCES, SEMINARS AND WORKSHOPS

Training course	<p>While the role of econometric modelling for policy analysis (using say the methods of growth regression, panel regression, structural equation modelling, and CGE/GTAP) has been recognised and used in most developed and Western countries world-wide, an appropriate modelling methodology with more credible or realistic outcomes for use by corporate and government policy-makers in both developed and developing countries alike is still to be developed. A new development with improved features and outcomes in this field, the Generalised or Endogenous Gravity Theory (GGT or EGT), was proposed in 2002 by Tran Van Hoa and used successfully since. This advanced modelling tool has now been officially adopted by the Government of Vietnam (Ministry of Industry and Trade – MOIT) for practical economic and trade policy analysis by its researchers, experts and decision-makers.</p> <p>A training course on the GGT or EGT and its applications, funded partially by Vietnam Institute of Trade (VIT – Vietnam), was organised at its headquarter in Hanoi on 2 May 2008 for select government officials and academics from major ministries and universities in Vietnam, titled Innovation and Technology in Vietnam: Policy Modelling Training for Academics and Government Officials. A total of over 40 officials and academics attended the course. MOIT is now actively seeking support to further develop and disseminate this new modelling methodology to study major current areas of national development priorities to enhance the country's capacity, trade, growth and external relations.</p>
International conference highlights and participation	<p>Bhajan Grewal was asked to provide comments on the draft Final Report presented by CASS, outlining the proposed budgetary reforms in China presented at the International Seminar on Establishing Comprehensive Budget Management System, held at the National People's Congress Conference Center, Beijing on 5-6 November. Among the notable attendees were: Mr. Yao Sheng, Vice Minister of Budget Affairs Commission of the National People's Congress and Mr. Xia Guang, Director General of Budget Examination Office of Budget Affairs Commission of the National People's Congress.</p> <p>Tran Van Hoa was invited to present a paper 'China's Education and Development and its Comparative Efficiency Competitiveness', at the International Conference on Basic Public Services Equalisation in China, China Institute for Reform and Development (CIRD), Haikou, China, on 22-23 February.</p> <p>A wide range of 'hot' topics on major aspects of public services in China, covering education, health care, rural and regional development, urban-rural gaps, legal foundation, tax reform, and social security, were discussed and debated by more than 250 senior academics and</p>

government officials (including two Vice Ministers) from all over China and 17 international experts (eg, from Australia, France, Sweden, the UK), UNDP Resident Representative and Senior Economist. The conference proceedings were nationally televised and reported by 21 mass media networks.

Tran Van Hoa co-organised with Prof. Anoop Chaturvedi of Allahabad University, India, an international conference on ASEAN-India Economic and Trade Relations, taking place in the Department of Economics, Allahabad University on 25-26 September 2008. The conference was funded by AusAID and United Nations Commission on Trade and Development. He also presented a keynote paper on 'China-India Trade Competitiveness and Relations: Substantive Evidence for Growth, 'Look East' Policy and Economic Diplomacy'.

Tran Van Hoa was panellist at a high-level conference on 'Emerging Asian Regionalism: ASEAN-India FTA and Beyond' organised by India's think-tank Research and Information System for Developing Countries (RIS) on 29 September 2008 in New Delhi. At the conference, he also delivered a paper on 'ASEAN-India Economic and Trade Relations'.

Tran Van Hoa co-organised with Profs Komail Tayebi and Charles Harvie, the 7th Asia-Pacific Economic Forum international conference on East and West Asia Economic and Trade Relations during 3-5 November 2008 at two universities in Iran: University of Sistan and Baluchestan and University of Isfahan. The conference was funded by numerous institutions in Iran including the Central Bank of Iran and the Presidency of Iran, and nationally reported and televised by the media. At the conference, Tran Van Hoa also delivered the paper 'Impact of Oil, Crises and Economic Integration in East-West Asia Economic and Trade Relations'.

Chair or discussant of conference

Bhajan Grewal was invited to chair a workshop on NDRC Project Completion and Dissemination Visit to Australia, Policy Discussion, Melbourne Workshop, held in Melbourne on 31 March 2008.

Tran Van Hoa was invited to be a high-level discussant of the paper 'Balanced Development of Compulsory Educations: Current Situation and New Policy Measures' by Tan Songhua at the International Conference on Basic Public Services Equalisation in China, China Institute for Reform and Development (CIRD), Haikou, China, on 22-23 February.

Tran Van Hoa chaired a session at the Second Conference of Micro Evidence on Innovation in Developing Economies (MEIDE), United Nations University (Maastricht, The Netherlands) and Renmin University of China, Beijing, 21-23 April, 2008.

Tran Van Hoa was invited to be a special session panel discussant of the paper 'Korea's ODA Strategy and Activities on Poverty Reduction: Case of KOICA', by Hyun-Sik Chang from the Korea International Cooperation Agency, at the Korea and the World Economy Conference VII, Korea Institute of Public Finance, Seoul, and Kangwon National University, Chunchoen, Korea, 20-21 June.

Sally Weller chaired a session at the ARCISIS and ANZRSA Conference, People, Place and Space: Rethinking Regional Policy Agendas, Adelaide, 30th November - 3rd December.

Travel Fellowship

Sardar Islam received an invitation and travel fellowship, to the 2nd R&DID International Conference 2008, March 3-4, 2008 at University of the Thai Chamber of Commerce, Bangkok.

OTHER ACTIVITIES AND ACHIEVEMENTS

US National Academy of Sciences

John Houghton was invited to a joint US National Academy of Sciences/OECD conference on The Socioeconomic Effects of Public Sector Information on Digital Networks: Toward a Better Understanding of Different Access and Reuse Policies. John has also participated in the compilation of a summary publication from the event, shortly to be published by the National Academy of Sciences, and sits on a steering committee of the National Academy of Sciences, Board of International Scientific Organizations.

MOU between VU and

International Marketing: A collaboration MOU has been signed by VU and Uniten, Malaysia.

United, Malaysia	Sardar Islam and M. Rusydi (former CSES DBA student) initiated this collaboration. A PhD student in finance (Baharuddin Hussin) has come from Uniten as a result of this MOU to do his PhD at CSES/VU.
Lecturing	Sardar Islam lectured in 3 DBA subjects on Corporate Governance (shared), Business Research Methods, Research Proposal Preparation and Writing, at the Victorian Graduate School of Business, Victoria University. Tran Van Hoa lectured in the Human Resources and Labour Economics Masters Program at Chulalongkorn University, Thailand.
Award	Sardar Islam had an invited paper for the International Prize of Environmental Creation of 2007 (by the Institute of Environmental Creation International) for research contributions by Sardar M.N. Islam to study environmental problems. The paper was co-authored with S.M.N. Islam and is forthcoming (adaptation policy options for climate in South East Asia', <i>International Journal of Environmental Creation</i>).
Adjunct Professor	In 2008 Sardar Islam was Adjunct Professor of the Department of Finance and Decision Sciences, Hong Kong Baptist University, Hong Kong.
New staff at CSES	Dr Roger Jones, formerly Principal Research Scientist, CSIRO, has accepted a Professorial Research Fellow position. He will join the CSES in February 2009. Dr Alex English, formerly of City University, Hong Kong, received a postdoctoral research position beginning in 2009, related to several projects of the CSES PRIP area 'Governance and Regional Issues'. He has been working at CSES since September 2008. Associate Professor Danny Ben Moshe will be joining CSES part-time in January 2009 in the position of Senior Research Fellow. His appointment relates to an ARC Linkage grant awarded for 2008-2010 (see details above). Also joining the CSES part-time as part of this ARC Linkage grant is Joanne Pyke. She has been employed as Research Fellow and will commence work in April 2009.
New PhD students	Steven Parker, <i>A Study of Renewable Energy and Emissions Policy</i> (supervisor Peter Sheehan). Jim Brumby, <i>Fiscal Space and Budgetary Management</i> (supervisor Bhajan Grewal). Baharuddin Muhammad Hussin, <i>Dynamic Behaviour of Earnings and Capital Market Responses (Volatility and Anomaly): A Risk Management Perspective</i> (supervisor Sardar Islam). Siti Nuryanah, <i>Capital Markets, Accounting Irregularities and Corporate Governance</i> (supervisor Sardar Islam).
Editorial duties	Bhajan Grewal was invited to be Guest Editor of the journal <i>Public Finance and Management</i> (SPAEF, Atlanta Georgia), for a symposium on Public Finances in China. In 2009, he has been invited to be Guest Editor of the same journal for another symposium on Fiscal Decentralisation. Sardar Islam is Journal Associate Editor and Editorial Board Member of 6 journals (<i>Journal of Modelling in Management</i> , <i>Asia-Pacific Journal of Accounting and Economics</i> , <i>International Journal of Monetary Economics and Finance</i> , <i>Journal of Accounting, Business and Management</i> , <i>International Journal of Electronic Customer Relationship Management</i> , and <i>International Journal of Environmental Creation</i>). Tran Van Hoa was nominated an Executive Fellow and to the Editorial Board of the <i>Asian Forum on Business Education</i> (AFBE) Journal, based in Thailand.
Research Impact	Medicines Australia (Canberra) published in 2008 a report titled <i>Innovating for Life</i> . This report drew data and information from the CSES publication produced in 2007 by Peter Sheehan and Kim Sweeney titled <i>The Value of Medicines</i> .

Theses finalized

Sudath Arumaperruma finished his PhD thesis at CSES on *The Role of Information Technologies in Disseminating Innovations in Agribusiness: A Comparative Study of Australia and Sri Lanka*.

Bruce Rasmussen finalized his PhD studies on *Creating and Capturing Value in the Biopharmaceutical Sector*, which will be published by Edward Elgar in 2009.

Kim Sweeny also finished his PhD thesis on *Accounting for Growth in the Pharmaceutical Benefits Scheme*. The manuscript is being presented to publishers and an article submitted to the *Australian Health Review*.

Ibrahim Al-Rahbi finalized a DBA study on *An Empirical Study of the Key Knowledge Economy Factors for Sustainable Economic Development in Oman*.

Lastly Tanachart Rapraserf finalized a DBA thesis on *Japanese Management Adaptation, Particularly in Thailand*, which will be published by Springer in 2009.

CSES Detailed Research Publications and Output 2008

Publications and research outputs achieved by the Centre in 2008 are listed in full below.

Books authored (DEST category)

1. Hansanti, S., Islam, S.M.N. and Sheehan, P. 2008, *International Finance in an Emerging Market: Issues, Welfare Analyses and Policy Implications*, Springer, Heidelberg. ISBN-10: 3790820431, ISBN-13: 978-3790820430
2. Rashid, K. and Islam, S.M.N. 2008, *Corporate Governance and Firm Value: An Econometric Study of Emerging and Developed Financial Markets*, Emerald/Elsevier, UK. Hardback, ISBN-13: 9780080560342 and ISBN-10: 0080560.
3. White, P. and Islam, S. M. N. 2008, *Formulation of Appropriate Laws: A New Integrated Multidisciplinary Modeling Approach and an Application to Electronic Funds Transfer Regulation*, Springer, Heidelberg. ISBN 978-3-540-72046-1.

Books accepted for publication

1. Ahmed, A. and Islam, S.M.N. forthcoming 2009, *Financial Liberalisation in Developing Countries: Issues, Theories, Time Series Econometric Analyses and Policy Making*, Springer, Heidelberg.
2. Manzoni, A. and Islam, S.M.N. forthcoming 2009, *Performance Measurement in Corporate Governance: DEA Modelling and Implications for Organisational Behaviour and Supply Chain Management*, Springer, Heidelberg.
3. Raoprasert, T. and Islam, S.M.N. forthcoming 2009, *Designing an Efficient Management System*, Springer, New York.
4. Rasmussen, B. forthcoming 2009, *Innovation and Commercialisation in the Biopharmaceutical Sector: Creating and Capturing Value*, Edward Elgar, London.

Books edited

1. Tran Van Hoa and Harvie, C. (eds) 2008, *Regional Trade Agreements in Asia*, Edward Elgar, Cheltenham. ISBN-10: 1847200613 and ISBN-13: 9781847200617.

Chapters in books (DEST category)

1. Cheng, E. 2008, 'The micro-finance movement in China: Lessons and initiatives for enlarged ASEAN', in Tran Van Hoa and C. Harvie (eds), *Regional Trade Agreements in Asia*, Edward Elgar, Cheltenham.
2. Clarke, M. and Islam, S.M.N. 2008, 'The misalignment of standard national accounting aggregates with sustainability objectives', in *Encyclopaedia of Life Support Systems*, EOLSS Publishers, Oxford.

3. Houghton, J.W. 2009, 'Exploring the impacts of enhanced access to publicly funded research', in P.F. Uhlir (ed.), *The Socioeconomic Effects of Public Sector Information on Digital Networks: Towards a Better Understanding of Different Access and Reuse Policies*, U.S. National Committee for CODATA, Board on Research Data and Information, The National Academies Press, Washington, D.C.
4. Houghton, J.W. et al. 2009, 'The IT industry: Recent developments and outlook', in *OECD Information Technology Outlook 2008*, OECD, Paris.
5. Houghton, J.W. 2009, 'The globalisation of the ICT sector,' in *OECD Information Technology Outlook 2008*, OECD, Paris.
6. Islam, S.M.N., Clarke, M., Choi, S., Jolley, A. and Sheehan, P. 2009, 'Energy production and use', in L. Lebel, A. Snidvongs, C-T. A. Chen and R. Daniel (eds), *Critical States: Environmental Challenges to Development in Monsoon Southeast Asia*, pp. 51-62, SIRD Publisher, Petaling Jaya, Malaysia. ISBN 9878-983-3782-62-8.
7. Lichtenberg, F. and Duflos, G. 2008, 'Pharmaceutical innovation and the longevity of Australians: A first look', in R. Kaestner, A. Lo Sasso and L. Helmchen (eds), *Beyond Health Insurance: Public Policy to Improve Health*, Emerald Publishing Group, UK, pp. 95-118. 222 pp. ISBN: 9781848551800. Volume 19 of the series *Advances in Health Economics and Health Services Research*, ISSN: 0731-2199.
8. Lichtenberg, F. forthcoming August 2009, 'Home, or nursing home? The effect of medical innovation on the demand for long-term care', in J. Costa i Font, A. McGuire and C. Courbage (eds), *The Economics of New Health Technologies: Incentives, Organisation and Financing*, Oxford University Press. 320 pp. 17 chaps. ISBN-13: 9780199550685. ISBN-10: 0199550689.
9. Malhotra, P. and Grewal, B. 2008, 'TRIPS-plus: Free trade agreements jeopardising public health in developing nations', in Tran Van Hoa and C. Harvie (eds), *Regional Trade Agreements in Asia*, Edward Elgar, Cheltenham.
10. Messinis, G. forthcoming 2009, 'Overeducation and overskilling in Australia: Second generation Greek-Australians and Italian-Australians', in E. Close, M. Tsiannikas and G. Couvalis (eds), *Greek Research in Australia: Proceedings of the Biennial International Conference of Greek Studies 2007*, Flinders University Press, Adelaide.
11. Nguyen Manh Hai and Tran Van Hoa 2008, 'Agricultural issues in an enlarged ASEAN: The case of Vietnam', in Tran Van Hoa and C. Harvie (eds), *Regional Trade Agreements in Asia*, Edward Elgar, Cheltenham.
12. Sheehan, P. forthcoming 2009, 'The Rise of China and India: Impacts, Prospects and Implications', in A.U. Santos-Paulino and Guanghua Wan (eds) *UNU-WIDER Studies in Development Economics and Politics*, World Institute for Development Economics Research of the United Nations University (UNU-WIDER), Helsinki.
13. Tran Van Hoa and Harvie, C. 2008, 'Regional trade agreements in Asia: An overview', in Tran Van Hoa and C. Harvie (eds), *Regional Trade Agreements in Asia*, Edward Elgar, Cheltenham.
14. Tran Van Hoa 2008, 'The WTO, regional trade agreements and an enlarged ASEAN', in Tran Van Hoa and C. Harvie (eds), *Regional Trade Agreements in Asia*, Edward Elgar, Cheltenham.
15. Tran Van Hoa 2008, 'Challenges and opportunities from an enlarged ASEAN', in Tran Van Hoa and C. Harvie (eds), *Regional Trade Agreements in Asia*, Edward Elgar, Cheltenham.
16. Sheehan, P. and Sun, F. 2008, 'Emissions and economic development: Must China choose?', in R. Garnaut, L. Song and Wing Thye Woo (eds), *China's Dilemma: Economic Growth, the Environment and Climate Change*, jointly published by Asia Pacific Press, Canberra, the Brookings Institution Press, Washington DC, and Social Sciences Academic Press (Chinese translation), Beijing. ISBN: 780731538195. ISBN: 9781921536038 (Online).

Journal articles refereed (DEST category)⁴ 2008 (see Section 3.2)

Journal article others

1. Duflos, G. and Lichtenberg, F. 2008, 'Pharmaceutical innovation and the longevity of Australians: A first look', *VoxEU.org*, (Research-based policy analysis and commentary from leading economists), online at Centre for Economic Policy Research (UK) policy portal: <http://www.voxeu.org/index.php?q=node/1278>
2. Lichtenberg, F. 2008, 'Benefits of new pharmaceuticals significantly exceed their costs', *NBER Digest*, at: <http://www.nber.org/digest/jan09/w14009.html> ISSN: 0888-949X
3. Malhotra, P. 2008, 'The impact of TRIPS on innovation and exports: A case study of the pharmaceutical industry in India', *Indian Journal of Medical Ethics*, vol. 5, no. 2, April-June, pp. 61-65. No ISSN.

Submitted articles

1. Liddle, B. and Lung, S. 2008, 'Age structure and climate change in developed countries: Revisiting the stochastic IPAT for disaggregated population and consumption-related environmental impacts', submitted to *Population and Environment*.
ISI Impact Factor (2007 edn): 0.974.
2. Mak, C. and Islam, S.M.N. 2008, 'Equity and health economics: A new cost benefit analysis', submitted to *Applied Health Economics and Health Policy*
3. Mak, C. and Islam, S.M.N. 2008, 'Health sector planning and capital budgeting models: A PBS listing exercise and implications', submitted to *International Journal of Health Planning and Management*.
4. Mak, C. and Islam, S.M.N. 2008, 'A new cost benefit analysis of public health projects: Further analysis of equity considerations' submitted to *The Asia-Pacific Journal of Public Health*.
5. Sweeny, K. 2008, 'The impact of copayments and safety nets on PBS expenditure', submitted *Australian Health Review*.
6. Tran Van Hoa, 2008, 'Australia-Korea Free Trade Agreement: Substantive causal empirics and political economy', submitted *Journal of the Korean Economy*.

Conference papers and presentations, invited

1. Grewal, B. 2008, 'Equalisation of Basic Public Services and Distribution of Intergovernmental Fiscal Transfers', *invited and refereed* paper presented at the International Conference on Equalization of Basic Public Services: Progress, Trends, Challenges and Future Measures, China Institute for Reform and Development (CIRD), Haikou, Hainan, P.R. China, on 23-24 February.
2. Grewal, B. 2008, 'The Longer-term Stability of Fiscal Federalism', *invited* paper presented at The Future of Federalism International Conference, TC Beirne School of Law, The University of Queensland University of Brisbane, Brisbane, 10-12 July. www.fedcon2008.net
3. Grewal, B. 2008, 'Intergovernmental Fiscal Transfers: International Experience and Lessons for China', *invited and refereed* paper presented at the AusAID funded China-Australia Governance Program (CAGP) International Seminar, Xi'an, China, 1 September.
4. Grewal, B. 2008, 'From Input Controls to Outcome-Based Budgeting: The Case of Australia', *invited and refereed* paper presented at the International Seminar on Establishing Comprehensive Budget Management System, jointly organised by the Budget Affairs Commission of the National People's Congress of China, Chinese Academy of Social Sciences (CASS) and China Australia Governance Program (CAGP) Conference Center of National People's Congress, Beijing, China, 5-6 November.
5. Houghton, J.W. 2008, 'Alternative Publishing Models: Exploring the Costs and Benefits', *invited* presentation at Berlin 6 Open Access Conference, Dusseldorf, 11-14 November. [Available from Berlin 6](#).
6. Houghton, J.W. 2008, 'Alternative Publishing Models: Exploring the Costs and Benefits', *invited* presentation at the Open Access and Research Conference 2008, OAK Law Project, Brisbane, 24-25 September. [Available from OAK Law](#).

⁴ ERA ranking used are listed at <http://research.vu.edu.au/ordsite/management/ERArankings.xls>

7. Houghton, J.W. 2008, 'ICTs and the Environment: A Framework for Analysis', *invited* paper presented at the Workshop on ICTs and Environmental Challenges, OECD and Danish Ministry of Science, Technology and Innovation, Eigtveds Pakhus, Copenhagen, May. [Available from OECD Webcast at Danish Ministry](#)
8. Houghton, J.W. 2008, 'Exploring the Impacts of Enhanced Access to Publicly Funded Research', *invited* paper presented at The Socioeconomic Effects of Public Sector Information on Digital Networks: Toward a Better Understanding of Different Access and Reuse Policies, U.S National Committee for CODATA Board on International Scientific Organizations, U.S. National Academy of Sciences, and the OECD, Paris, February. [Available from OECD.](#)
9. Houghton, J.W. 2008, 'Alternative Publishing Models: Exploring the Costs and Benefits', *invited* presentation at the Open Access and Research Conference 2008, OAK Law Project, Brisbane, 24-25 September. [Available from OAK Law.](#)
10. Jones, R. and Sheehan, P. 2008, 'In the Race to Reduce Climate Risks: The Kyoto Protocol is the Practise Lap', *keynote address* presented at the conference Kyoto: Policy in Practice, Sydney, 7-8 May.
11. Manzoni, A and Islam, S.M.N. 2008, 'A Model for Collaborative Analysis of Globally Competitive Industries: Data Envelopment Analysis Approach', *invited* paper presented at the 2nd R&D International Conference, University of the Thai Chamber of Commerce, Bangkok, 3-4 March.
12. Messinis, G. and Sheehan, P. 2008, 'The Diversity of the Student Population at Victoria University: A Preliminary Analysis', *invited* presentation to the Commitment 3 Project Advisory Group Meeting, Victoria University, Melbourne, 22 April.
13. Rasmussen, B. 2008, 'Alliances: Why Are They Important?', *invited* presentation at the ARCS 17th Annual Scientific Congress: Professional Development for the Therapeutic Industry, Sydney, 28-30 May.
14. Sheehan, P. and Sweeny, K. 2008, 'The Evolution of the PBS: An Assessment of the Recent Reforms', *invited* presentation at the Future of the PBS Conference, Sydney, 6-7 May.
15. Sheehan, P. 2008, 'Climate Change: A Matter of Survival and Justice', *invited* presentation at the Hawthorn Probus Club, Melbourne, 27 May.
16. Sheehan, P. 2008, 'Emissions and Economic Development: Must China Choose?', *invited* paper presented at The China Update 2008: Confronting Global Challenges, Growth, the Environment and Rebalancing World Power, Crawford School of Economics, ANU College of Asia and the Pacific, Canberra, 14 July.
17. Sheehan, P., Rasmussen, B., Sweeny, K., Grewal, B., Ahmed, A., Maharaj, N. and Zheng Xiaoying 2008, 'Investing in the Future: An Assessment of the Returns to Investment in Health Innovation', *commissioned* framework paper presented at the Life Science and Innovation Forum (LSIF) VI, Lima, Peru, 14-15 August.
18. Sheehan, P. 2008, 'The Evolving Climate Change Debate: Implications for Australian Business', *invited* presentation at VU Dean's Business Network, Faculty of Business and Law, Victoria University, Melbourne, 2 October.
19. Sheehan, P. 2008, 'The Implications of Climate Change for Rail', *invited* presentation at Environmental Management in Rail, Melbourne, 14 October.
20. Sheehan, P. 2008, 'The Evolving Climate Change Debate: Implications for Australian Business', *invited* presentation at Public Sector Accountants CPA Discussion Group, Melbourne, 11 November.
21. Tegart, G. 2008, 'Converging Technologies in Biosecurity', *invited* presentation at the Symposium Biosecurity Challenges for Australia and its Region, National Centre for Biosecurity, Australian National University, Canberra, 11-12 February.
22. Tran Van Hoa 2008, 'China's Education and Development and its Comparative Efficiency Competitiveness', *invited* paper presented at the International Conference Basic Public Services Equalisation in China, China Institute for Reform and Development (CIRD), Haikou, China, 22-23 February.
23. Tran Van Hoa 2008, 'Impact of Innovation and Technology Public Expenditure on Development in China and India: An International Comparative Study', *invited* paper presented at the Second Conference of Micro Evidence on Innovation in Developing Economies (MEIDE), Renmin University of China, Beijing, 21-23 April.
24. Tran Van Hoa 2008, 'Australia-Korea Free Trade Agreement: Substantive Causal Empirics and Political Economy', *invited* paper presented at the Korea and the World Economy Conference VII, Korea Institute of Public Finance, Seoul, and Kangwon National University, Chuncheon, Korea, 20-21 June.

25. Weller, S.A. 2008, 'Beyond Individualisation: The Medicalisation of the Employment Relation', *invited* paper presented at the International Geographical Union: Theoretical Approaches in Labour Geographies, University of Oslo, Norway, 15 May.

Conference papers (refereed and published)

1. Ahmed, A.D. 2008, 'Financial liberalization, Financial Development and Growth in Sub-Saharan Africa's Economic Reform: An Empirical Investigation', *refereed* and *published* paper presented at the 16th Annual Conference on Pacific Basin Finance, Economics, Accounting and Management, Queensland University of Technology, Brisbane, 2-4 July.
2. Al-Rahbi, I., Grewal, B. and Sharma, S. 2008, 'Three Common Misconceptions about the Knowledge Economy and their Relevance to the MENA Countries', *refereed* paper presented at the International Conference on Globalisation, Economic Reforms, Aid and Democracy in the Arab World, Arab Thought Forum in Amman, Manchester Metropolitan University Jordan, 3-4 February.
3. Islam, S.M.N. and Rusydi, D.M. 2008, 'Financial Planner's Roles to Promote Good Corporate Governance in Australia', *refereed* and *published* paper in Proceedings of the International Conference on Business and Management, Faculty of Business, Economics & Policy Studies, Universiti Brunei Darussalam, Bandar Seri Begawan, Brunei Darussalam, 9-10 January.
4. Liddle, B. and Lung, S. 2008, 'Why Fuel Prices Differ Revisited: Does Fuel Demand Explain Fuel Taxes In OECD/Democratic Countries', *refereed* and *published* paper in H. Cabalu, and D. Marinova, (eds), *Second International Association for Energy Economics (IAEE) Asian Conference: Energy Security and Economic Development under Environmental Constraints in the Asia-Pacific Region*, Curtin University of Technology, Perth, 5-7 November 2008, pp. 143-63, ISBN 978-0-9775369-2-4, at: <http://www.business.curtin.edu.au/business/research/conferences/2nd-iaee-asian-conference>
5. Mak, C. and Islam, S.M.N. 2008, 'A New Approach to the Measurement of Well-being and its Health Sector Application', *refereed* and *published* paper presented to the 10th Australian Conference on Quality of Life, Deakin University, Melbourne, 7 November.
6. Mak, C. and Islam, S.M.N. 2008, 'Moral Philosophy and Evaluation of Health Programs: A New Cost Benefit Analysis', *refereed* and *published* paper presented at the 7th International Conference on Health Economics, Management and Policy, Athens, 10-13 July.
7. Manzoni, A and Islam, SMN 2008, 'The Development of an Optimisation Model for Collaboration in Global Supply Networks', *refereed* and *published* paper in Proceedings of the International Conference on Business and Management, Faculty of Business, Economics & Policy Studies, Universiti Brunei Darussalam, Bandar Seri Begawan, Brunei Darussalam, 9-10 January.
8. Messinis, G. 2008, 'Overeducation and Overskilling: Second Generation Australians', *refereed* and *published* paper presented at the 37th Australian Conference of Economist, Brisbane, 30 September – 3 October, proceedings at: http://www.ace08.com.au/paper_pdf/papers.html#proceedings ISBN 978-0-9591806-4-0.
9. Tran Van Hoa 2008, 'Australia-Korea Free Trade Agreement: Substantive Causal Empirics and Political Economy', *refereed* and *published* paper presented at the Korea and the World Economy Conference VII, The Association of Korean Economic Studies (AKES), Seoul, 20-21 June.
10. Wattanakul, T. 2008, 'Impact of Openness, Economic Policy Reform and Regional Shock on Trade and Growth of Thailand: An Econometric Study', *refereed* and *published* paper presented at the Conference on The Future of Economic Integration in Asia', Faculty of Economics, Thammasat University, Bangkok, 20-21 November.
11. Wattanakul, T. 2008, 'Thailand's Openness and Implications for Economic and Trade Policy: An Econometric Study', *refereed* and *published* paper presented at the Conference Korea and the World Economy VII, The Association of Korean Economic Studies (AKES), Seoul, 20-21 June.
12. Wattanakul, T. 2008, 'Thailand's Openness and Implications for Economic and Trade Policy: An Econometric Study', *refereed* and *published* paper presented at the EcoMod 2008 International Conference on Policy Modelling, Berlin, Germany, 2-4 July.
13. Weller, S.A. 2008, 'Carbon Pollution Reduction Scheme and the Potential Restructuring of the La Trobe Valley Region Economy', *refereed* and *published* paper presented at the ARCRNSSIS and ANZRSA

Conference, People, Place and Space: Rethinking Regional Policy Agendas, Adelaide, 30th November - 3rd December.

Conference papers and presentations (some refereed, not published)

1. Liddle, B. 2008, 'Breaks and Trends in and Converging Among OECD Countries' Energy GDP Ratios', paper presented at the 3rd Atlantic Workshop on Energy and Environmental Economics: Climate Change Policies after 2012, A Toxa, Spain, 4-5 July.
2. Messinis, G. 2008, 'Overeducation and Overskilling in Australia: Second Generation Greek-Australians and Italian-Australians', paper presented at the 2nd International Conference on Educational Economics (ICEE 2008), National and Capodistrian University of Athens, Athens, 27-30 August. (Submitted for publication elsewhere.)
3. Messinis, G. and Ahmed, A.D. 2008, 'Valuable Skills, Education and Technology Diffusion', paper presented at the 2nd International Conference on Educational Economics (ICEE 2008), Faculty of Economics, National and Capodistrian University of Athens, Athens, 27-30 August. (Submitted for publication elsewhere.)
4. van Hulten, A. 2008, 'Gentrification in Western Melbourne', *refereed* presentation at the Institute of Australian Geographers Conference 2008, University of Tasmania, Hobart, 30 June – 3 July.
5. Weller S.A. 2008, 'Where is the Labour Market in Regional Policy?', *refereed* paper presented at the Institute of Australian Geographers Conference 2008, University of Tasmania, Hobart, 30 June – 3 July.

CSES research reports

1. Houghton, J. et al. 2008, Strategic Networks Group (2008) *Australian Digital Economy Benchmarking*, Report to the Department of Broadband, Communications and the Digital Economy by Strategic Networks Group and Centre for Strategic Economic Studies, Melbourne, November.
2. Messinis, G., Sheehan, P. and Miholcic Z. 2008, *The Diversity and Performance of the Student Population at Victoria University*, Report to the Vice-Chancellor, Victoria University, Melbourne, July.
3. Messinis, G., Sheehan, P. and Miholcic Z. 2008, *The Diversity of the Student Population at Victoria University*, Update to Report to the Vice-Chancellor, Victoria University, Melbourne, December.
4. Rasmussen, B. and Maharaj, N. 2008, *Health Cluster*, CCC Briefing Paper, Report to Victoria University Cluster Study Project, April, CSES, Victoria University, Melbourne.
5. Rasmussen, B. and Maharaj, N. 2008, *ICT Cluster*, CCC Briefing Paper, Report to Victoria University Cluster Study Project, May, CSES, Victoria University, Melbourne.
6. Rasmussen, R. and Maharaj, N. 2008, *Engineering and Infrastructure Cluster*, CCC Briefing Paper, Report to Victoria University Cluster Study Project, May, CSES, Victoria University, Melbourne.
7. Rasmussen, B. and Maharaj, N. 2008, *Human Services*, CCC Briefing Paper, Report to Victoria University Cluster Study Project, July, CSES, Victoria University, Melbourne.
8. Rasmussen, R. and Maharaj, N. 2008, *Legal Studies and Law*, CCC Briefing Paper, Report to Victoria University Cluster Study Project, August, CSES, Victoria University, Melbourne.
9. Rasmussen, B. and Maharaj, N. 2008, *Culture and Creative Industries*, CCC Briefing Paper, Report to Victoria University Cluster Study Project, September, CSES, Victoria University, Melbourne.
10. Sheehan, P., Rasmussen, B., Sweeny, K., Grewal, B., Ahmed, A., Maharaj, N. and Zheng Xiaoying 2008, *Investing in the Future: An Assessment of the Returns to Investment in Health Innovation*, Framework Paper prepared for the Life Science and Innovation Forum (LSIF) VI, Lima, Peru, 14-15 August, Centre for Strategic Economic Studies (Victoria University, Melbourne) and Institute for Population Research (Peking University, Beijing).
11. Sheehan, P., Rasmussen, B., Jolley, A., Symons, J. and Parker, S. 2008, *Transforming Rail: A Key Element in Australia's Low Pollution Future*, Final Report to the CRC Rail Innovation, Brisbane.
12. Tegart, G. 2008, *Energy and Nanotechnologies: Strategy for Australia's Future*, Lead/Chief investigator, Report by the Australian Academy of Technological Sciences and Engineering, Melbourne.
13. Tegart, G. et al. 2008, *Biofuels for Transport: A Roadmap for Development in Australia*, Report of a Study by the Australian Academy of Technological Sciences and Engineering, Melbourne.

14. Tegart, G. et al. 2008, *Roadmapping Converging Technologies to Combat Emerging Infectious Diseases*, The APEC Center for Technology Foresight and National Science and Development Technology Agency, Bangkok.
15. Weller, S., Sheehan, P., Tomaney, J., van Hulst, A. and Maharaj, N. 2008, *Carbon Pollution Scheme: Adjustment Strategy for the La Trobe Valley*, Draft Report prepared for the Department of Treasury and Finance, Victoria, Melbourne, November.

External seminars and courses

1. Houghton, J.W. 2008, 'Research communication costs, emerging opportunities and benefits', invited presentation to the European Commission, Brussels, May.
2. Messinis, G. and Ahmed, A. 2008, 'Valuable skills, human capital and technology diffusion', presented at La Trobe University (August), University of NSW (August), University of Ioannina (September), and University of Queensland (October).

PhD Theses

1. Arumaperruma, S. 2008, 'The Role of Information Technologies in Disseminating Innovations in Agribusiness: A Comparative Study of Australia and Sri Lanka', PhD Thesis, Victoria University, Melbourne.
2. Malhotra, P. 2009, 'Implementing TRIPS in India: Implications for Access to Medicines', PhD Thesis (submitted), Victoria University, Melbourne.
3. Rasmussen, B. 2008, 'Creating and Capturing Value in the Biopharmaceutical Sector', PhD Thesis (submitted), Victoria University, Melbourne.
4. Sweeny, K. 2008, 'Accounting for Growth in the Pharmaceutical Benefits Scheme', PhD Thesis (examination complete), Victoria University, Melbourne.

DBA Theses

1. Al-Rahbi, I. 2008, 'An Empirical Study of the Key Knowledge Economy Factors for Sustainable Economic Development in Oman', DBA thesis submitted, Victoria University, Melbourne.
2. Raoprasert, T. 2008, 'Japanese Management Adaptation, Particularly in Thailand', DBA Thesis, Victoria University, Melbourne.

Submitted papers

1. Ahmed, A.D. and Tran Van Hoa 2008, 'Australia-South Africa trade: Substantive evidenced and implication for Growth, trade and economic relation policy', submitted to *Asia Pacific Journal of Economics and Business*, August.
2. Ahmed, A.D. 2008, 'Financial liberalization-financial development and financial development-growth relationships in Sub-Saharan African countries: An empirical investigation', submitted to *South African Journal of Economics*, August.
3. Mak, C. and Islam, S.M.N. 2008, 'Equity and health economics: A new cost benefit analysis', submitted to *Applied Health Economics and Health Policy*.
4. Mak, C. and Islam, S.M.N. 2008, 'Health sector planning and capital budgeting models: A PBS listing exercise and implications', submitted to *International Journal of Health Planning and Management*.
5. Mak, C. and Islam, S.M.N. 2008, 'A new cost benefit analysis of public health projects: Further analysis of equity considerations', submitted to *The Asia-Pacific Journal of Public Health*.
6. Messinis, G. and Ahmed, A.D. 2008, 'Valuable skills, human capital and technology diffusion', submitted to *Journal of Economic Growth*, May.
ISI Impact Factor (2007 edn): 2.292
7. Messinis, G. 2009, 'Overeducation and overskilling: Second generation Australians', submitted to *Economic Record*.
ISI Impact Factor (2008 edn): 0.418

8. Messinis, G. and Olekalns, N. 2008, 'Skill mismatch and returns to training in Australia: Some new evidence', submitted to *Economic Record*.
ISI Impact Factor (2008 edn): 0.418
9. Messinis, G. and Cheng, E. 2008. 'Earnings, education and training in China: The migrant worker experience', submitted to *Education Economics*.
ISI Impact Factor (2006 edn): 0.643
10. Ahmed, A., Cheng, E. and Messinis, G. 2008, 'The role of exports, FDI and imports in development: New evidence from Sub-Saharan African countries', submitted to *Applied Economics*.
ISI Impact Factor (2007 edn): 0.473
11. Sweeny, K. 2008, 'The impact of copayments and safety nets on PBS expenditure', submitted to *Australian Health Review*.

Internal seminars

1. Ray, D. 2008, 'Economic Development in Indonesia and Vietnam: A Personal Experience', seminar presentation at CSES, Melbourne, 24 September.
2. Vietnam Institute of Trade, delegates, 2008, 'ASEAN + 3 Free Trade Agreement and Its Impact on Australia-Vietnam Trade', seminar presentation at CSES, Melbourne, 25 May.
3. Sheehan, P. 2008, 'Climate Change and Global Growth: Beyond the Current Impasse', seminar paper presented at CSES, Melbourne, 9 April.
4. Lichtenberg, F. 2008, 'Why has Longevity Increased More in some U.S. States Than Others?' and 'The Impact of Pharmaceutical Innovation on Longevity: Two Econometric Studies', seminar papers presented at CSES, Melbourne, 2 April.
5. Gregory, B. 2008, 'Stumbling through the Mist of the Australian Labor Market and Welfare System', seminar paper presented at CSES, Melbourne, 26 March.
6. Weller S.A. 2008, 'Publishing your Work in High Ranking Journals', seminar presented at CSES, Melbourne, 2 April.
7. Weller S.A. 2008, 'Publishing your Work in High Ranking Journals', seminar presented to the Women in Leadership program, Footscray, October.
8. Weller, S.A. 2008, 'Bringing the Labour Market Back In', paper presented at the Victoria University Researcher Development Grants Scheme seminar, Footscray, December.

CSES working papers

1. Messinis, G. 2008, 'Overeducation and Overskilling: Second Generation Australians', CSES Working Paper No. 41, December, Melbourne.
2. Messinis, G. and Olekalns, N. 2008, 'Returns to Training and Skill Mismatch: Evidence from Australia', CSES Working Paper No. 40, August, Melbourne.
3. Ahmed, A.D., Cheng, E. and Messinis, G. 2008 'The Role of Exports, FDI and Imports in Development: New Evidence from Sub-Saharan African Countries', CSES Working Paper No. 39, May, Melbourne.
4. Messinis, G. and Ahmed, A.D. 2008, 'Valuable Skills, Human Capital and Technology Diffusion', CSES Working Paper No. 38, April, Melbourne.
5. Messinis, G. 2008, 'Overeducation and Overskilling in Australia: Second Generation Greek-Australians and Italian-Australians', CSES Working Paper No. 37, March, Melbourne.

Podcast

Houghton, J. 2008, 'Podcast: Uncovering the social and economic benefits of open access', JISC, 25, August, at: <http://www.jisc.ac.uk/news/stories/2008/08/podcast55johnhoughton.aspx>.

Research impact

Houghton, J. Many government and industry reports from around the world have cited his work this year.

- Sheehan, P. and Sweeny, K. 2007, *The Value of Medicines*, CSES Report prepared for Medicines Australia. Data and information from this report was used in the Medicines Australia 2008 report *Innovating for Life*. This report drew information from the *Value of Medicines* report the CSES undertook for Medicines Australia in 2007. While the publication includes medical and statistical information (much of is sourced from the CSES report), it is largely written from the perspective of the patients – real Australians confronting major health challenges – people who have benefited from personal access to new and improving medicines.
- Sheehan, P. and Houghton, J. 2000, 'A Primer on the Knowledge Economy', CSES, Melbourne. Dr Franco Vaccarins (Senior Lecturer, College of Business, Dept of Communication, Journalism & Marketing, Massey University, Wellington NZ) requested permission to include this primer in their 2nd year undergraduate students' readings list, 26 August.
- Weller, S.A. (2007). Retailing, Clothing and Textiles Production in Australia', CSES Working Paper No. 29, October, Centre for Strategic Economic Studies, Victoria University, Melbourne. Cited in Productivity Commission 2008, *Modelling Economy-wide Effects of Future TCF Assistance*, Research Report, Canberra. In April, Weller was invited to address Prof. Roy Green and other Commissioners for the Federal Government's Review of the Textiles Clothing and Footwear Industries.
- Weller's (2004, 2006, 2007) work on the fashion industry was included in the review of (theoretical) progress in Cultural Industries research in the prestigious journal *Progress in Human Geography*.
- Weller won an 'Outstanding Contribution' award for the best presentation in the 2008 Victoria University Research Development Grants Scheme.

Media interviews

- Tran Van Hoa, 2008, 'Plans to protect Vietnam's Thi Vai River', ABC Radio National, Wednesday 17 December 2008, 8:47pm
Presenter: Tito Ambyo,
Speakers: Tran Van Hoa with Aviva Imhof, Campaign Director, International Rivers
- Sheehan, P. 2008, 'On the global situation', interviewed by Paul James, in the program People in the Know, 21 October, CRI Online at: <http://english.cri.cn/4026/2008/10/21/1901s416450.htm>
'Discussion of the latest statistics from the NBS, which show that China's GDP for the first three quarters was 9.9 percent. For more on the global situation Professor Peter Sheehan, Director of the Center for Strategic Economic Studies at Victoria University in Australia is interviewed.'
- China Radio International, (CRI) is the only overseas broadcaster in the People's Republic of China. CRI was founded on December 3, 1941 and is owned and operated by the state. CRI is one of the "three central media organizations in China" along with China National Radio (CNR) and China Central Television (CCTV). People In the Know on CRI is China's only English-language political current affairs program on CRI. PIK covers events that shape not only China, but the world as well.
- On JISC Research Project (CSES and Loughborough University, John Houghton et al.)

JISC 2008, 'Podcast: Uncovering the social and economic benefits of open access', 25 August, at: <http://www.jisc.ac.uk/news/stories/2008/08/podcast55johnhoughton.aspx>
"Professor John Houghton's work to explore the social and economic impact of open access has had a significant impact on debates in his native Australia. Currently working for JISC to investigate the UK experience in this area, he talks to Philip Pothen about his work, the wider benefits of institutional repositories and why he thinks the open access argument is now won."

Digital Kloans 2008, 'Podcast: Uncovering the Social and Economic Benefits of Open Access', 28 August, a Digital Scholarship publication at: <http://digital-scholarship.org/digitalkloans/2008/08/25/uncovering-the-social-and-economic-benefits-of-open-access-podcast/> (blog archive).
"Dr. John Houghton, Professorial Fellow at Victoria University's Centre for Strategic Economic Studies and Director of the Centre's Information Technologies and the Information Economy Program, is interviewed by Philip Pothen about open access benefits."

Media coverage

- On *Australian ICT Trade Update 2007* (ACS, John Houghton, 2007),

Bajkowski, J. 2008, 'Boom fuels surge in software spending', *Australian Financial Review*, 11 March, p. 36.
Mentions commentary by John Houghton on software sales.

On *Open Access Project* (John Houghton, 2008), some examples:

<http://www.timeshighereducation.co.uk/story.asp?sectioncode=26&storycode=405222&c=1>

<http://www.publishers.org.uk/en/home/news/detail/index.cfm/nid/D86C6D55-D571-409E-BDA8C249C404F50B>

[http://openaccess.eprints.org/index.php?serendipity\[action\]=search&serendipity\[searchTerm\]=Houghton&serendipity\[searchButton\]=%3E](http://openaccess.eprints.org/index.php?serendipity[action]=search&serendipity[searchTerm]=Houghton&serendipity[searchButton]=%3E)

<http://communities.cilip.org.uk/blogs/update/archive/2009/01/28/bit-part-for-libraries-in-jisc-s-mega-model-of-the-scholarly-information-chain.aspx>

http://www.researchinformation.info/news/news_story.php?news_id=431

<http://www.resourceshelf.com/2009/01/27/research-reveals-economic-case-for-open-access-publishing/>

<http://www.earlham.edu/~peters/fos/2009/01/major-new-report-on-economic.html>

<http://www.earlham.edu/~peters/fos/newsletter/03-02-09.htm>

<http://www.iwr.co.uk/information-world-review/news/2238083/publishers-denounce-jisc-open>

<http://sniffingthebeaker.blogspot.com/2008/11/costs-and-benefits-of-oa-part-1-berlin.html>

On Weller's work on retrenchment, cited by:

Colebatch, T. 2009, 'Pacific Brands retrenchments', *The Age*, March.

CSES Research Associates

External			
1.	Dr Sanjoy Bose	Lecturer and Director Executive Education	Graduate School of Management, Faculty of Law and Management, La Trobe University
2.	Professor Nicolae Bulz	Professor	Ecological University, Bucharest, Romania
3.	Dr Matthew Clarke	Senior Lecturer	Deakin University
4.	Dr Hans Lofgren	Senior Lecturer	Politics and Public Policy, Deakin University
5.	Dr K.B. Oh	Senior Lecturer	Graduate School of Management, Faculty of Law and Management, La Trobe University
6.	Dr Sethapong (Paul) Watanapalachaikul		
Internal			
1.	Shameem Ali	Lecturer	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
2.	Professor Ray Anderson	Professor	School of Accounting and Finance, Faculty of Business and Law
3.	Associate Professor Anona Armstrong	Director	Centre for International Corporate Governance Research, Faculty of Business and Law
4.	Dr Steve Bakalis	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
5.	John Bentley	Senior Lecturer	School of Information Systems, Faculty of Business and Law
6.	Roberto Bergami	Lecturer	School of Applied Economics, Faculty of Business and Law
7.	Dr Nick Billington	Head	Victoria Graduate School of Business, Faculty of Business and Law
8.	Associate Professor John Breen	Deputy Dean	Office of the Dean, Faculty of Business and Law
9.	Megan Brown	Lecturer	School of Law, Faculty of Business and Law
10.	Dr Richard Chauvel	Senior Lecturer	School of Social Sciences, Faculty of Arts
11.	Dr Michelle Fong	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
12.	Mukesh Garg	Lecturer	School of Accounting and Finance, Faculty of Business and Law
13.	Romana Garma	Lecturer	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
14.	Richard Gough	Lecturer	School of Management, Faculty of Business and Law
15.	P.J. Gunawardana	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
16.	Dr Inka Havrila	Lecturer	School of Applied Economics, Faculty of Business and Law
17.	Hikaru Horiguchi	Student, Doctor of Business Administration	Victoria Graduate School of Business, Faculty of Business and Law
18.	Maria Italia	Lecturer	School of Accounting and Finance, Faculty of Business and Law
19.	Dr Kandiah Jegasothy	Lecturer	School of Applied Economics, Faculty of Business and Law
20.	Pandora Kay	Lecturer	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
21.	Jeffrey Kidd	Senior Lecturer	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
22.	Professor Brian King	Head	School of Hospitality, Tourism and Marketing, Faculty of

			Business and Law
23.	Michael Longo	Senior Lecturer	School of Law, Faculty of Business and Law, Faculty of Business and Law
24.	Sidney Lung	Lecturer	School of Applied Economics, Faculty of Business and Law
25.	Dr Muhammad Mahmood	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
26.	Dr Karen Manning	Associate Dean Teaching and Learning	Office of the Dean, Faculty of Business and Law
27.	Alex Manzoni	Teacher	School of Business, Hospitality and Personal Services, TAFE
28.	Amerta Mardjono	Student, Doctor of Business Administration	Victoria Graduate School of Business, Faculty of Business and Law
29.	Professor John McLaren	Professor	School of Communication, Culture and Languages, Faculty of Art
30.	Mario Miranda	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
31.	Dr Theo Papadopoulos	Associate Professor	School of Applied Economics, Faculty of Business and Law
32.	Professor Michael Polonsky	Professor	School of Hospitality, Tourism and Marketing, Faculty of Business and Law
33.	Dr Jadunath Pradhan	Lecturer	School of Applied Economics, Faculty of Business and Law
34.	Dr Mohammad Rusydi		Victoria Graduate School of Business, Faculty of Business and Law
35.	Dr Ali Saleh	Lecturer	School of Applied Economics, Faculty of Business and Law
36.	Dr Jordan Shan	Associate Professor	School of Applied Economics, Faculty of Business and Law
37.	Jasbir (Jesse) Singh	Lecturer	School of Applied Economics, Faculty of Business and Law
38.	Lindsay Smyrk	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
39.	Jan Soutar	Lecturer	School of Management, Faculty of Business and Law
40.	Michael Spisto	Lecturer	School of Law, Faculty of Business and Law
41.	John Tippet	Lecturer	School of Management, Faculty of Business and Law
42.	Dr Chau Jo Vu	Lecturer	School of Applied Economics, Faculty of Business and Law
43.	Margaret Wang	Lecturer	School of Law, Faculty of Business and Law
44.	Dr Despina Whitefield	Lecturer	School of Accounting and Finance, Faculty of Business and Law
45.	Dr Guneratne Wickremasinghe	Lecturer	School of Accounting and Finance, Faculty of Business and Law
46.	Ruth Williams	Lecturer	School of Applied Economics, Faculty of Business and Law
47.	Dr Victoria Jane Wise	Senior Lecturer	School of Accounting and Finance, Faculty of Business and Law
48.	Professor David Worland	Honorary Professor	School of Management, Faculty of Business and Law
49.	Bruno Zeller	Senior Lecturer	School of Law, Faculty of Business and Law, Faculty of Business and Law
50.	Ming Zhou	Lecturer	School of Law, Faculty of Business and Law, Faculty of Business and Law
51.	Dr Segu Zuhair	Senior Lecturer	School of Applied Economics, Faculty of Business and Law
