



\***CITYFUTUREs**

**AHURi** UNSW/UWS  
RESEARCH CENTRE

Annual Report 2012

# CITY FUTURES RESEARCH CENTRE

Faculty of the Built Environment, University of New South Wales

ISSN 1838-1200



**UNSW**  
THE UNIVERSITY OF NEW SOUTH WALES

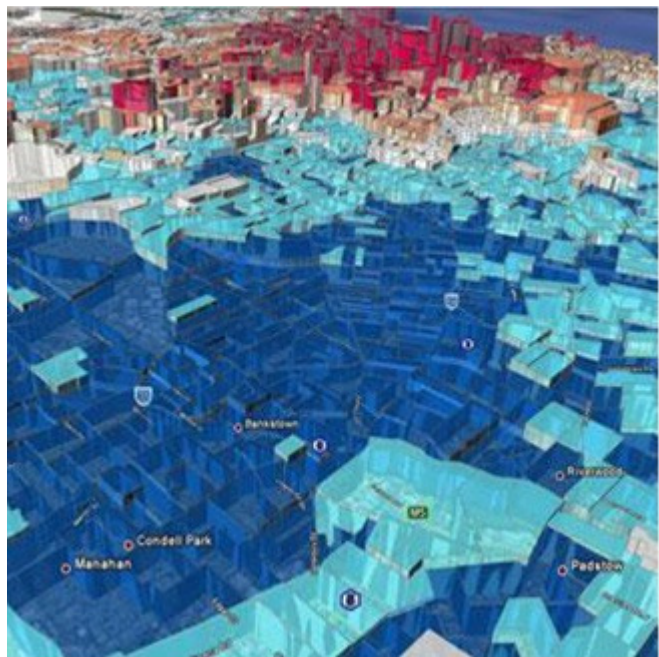
Never Stand Still

Faculty of Built Environment

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# 1



## INTRODUCTION AND SUMMARY

## 1

## INTRODUCTION AND SUMMARY



Prof Bill Randolph, Director City Futures Research Centre

Welcome to the City Futures Research Centre's 2012 Annual Report. In many ways, 2012 marked a coming of age of the Centre. The year saw the Centre progressing to a new level of maturity and visibility on a number of important fronts.

The organisational structure introduced in mid-2011 began to bed down as the five Associate Directors appointed at that time assumed their leadership roles, working together with myself to implement the 3 year 2012-2014 Business Plan. The Centre now has a high level team leading the research endeavour with a much greater clarity on income generation and staff management than before. The new additions to the research team who joined us during 2011 also settled into their roles and in so doing added greatly to the overall capacity of the group. By the end of 2012, the Centre had a total of 30 staff working across the five program areas together with 11 visiting staff and 9 Faculty staff and others associated with the Centre. The consolidation of this number of staff and others associated with the Centre is a major achievement and indicates how well the Centre has emerged in recent years as a major national concentration for research on Cities and their associated processes.

This status was confirmed emphatically at the end of the year with City Futures and our colleagues in the FBE Planning Program being assessed a performing at "well above world standard" in the Field of Research Code 1205 (Urban and Regional Planning) in the ARC's 2012 Excellence in Research Australia (ERA) research assessment. This places the planning research of the Faculty, of which City Futures plays a major role, at the pinnacle of planning research in Australia, with no other University attaining this level of assessment. This achievement is due to the sheer hard work of the staff associated with the Centre over a long period (the assessment covered 2005 to 2010) as well as the substantial support the Centre has received from both the Faculty and the University over that period.

The ERA outcome is in many ways an endorsement of that investment and particularly the on-going support of both the current Dean, Prof Alec Tzannes, and the previous Dean, Prof Peter Murphy who, together with Prof Bruce Judd (now head of the newly formed Australian School of Architecture and Design at FBE), brought myself and a small team of researchers to UNSW in 2004 to form what became City Futures. The support from the Deputy Vice Chancellor, Prof Les Field, must also be acknowledged, especially in his long standing support for our AHURI operation through both direct funding and through a series of key funded strategic senior appointments to the Centre.

The ERA outcome also offers a terrific springboard for the Centre to achieve the twin key goals of the current Business Plan which are to develop a number of key international strategic partnerships as well as to support Faculty and wider University goals of building research strength. Our status as part of Australia's leading urban planning research concentration will greatly assist in prosecuting these goals, together with forging closer ties with the Faculty itself. Our aim is to play an increasingly influential role in transforming research activity across all spheres within the Faculty.

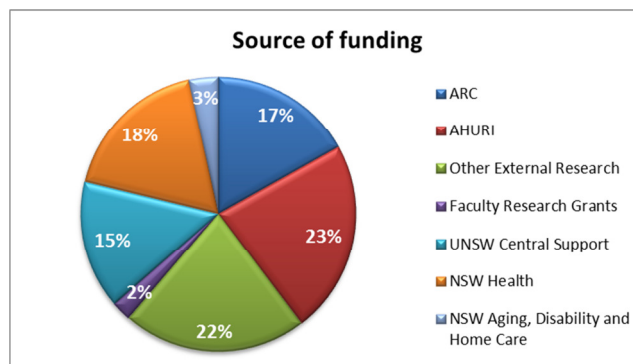
The other major development in terms of the profile of the Centre involved our relocation into a newly refurbished office space on the third floor of the Faculty building in the middle of the year. This was achieved through a successful bid for University research infrastructure funding of \$250,000 together with top-up Faculty and Centre funding. The new City Futures office suite brings together the Centre's staff into a new state of the art office facility which can host visitors as well as specialist staff. This is major achievement and in many ways caps the year as truly one when the Centre emerged into both a central position in the Faculty as well as its emergence as Australia's leading urban research centre.

Performance against our target performance indicators was good, although we fell marginally short in some areas. Australian and international conference presentations increased in number over 2011, while the number of post-graduate research students being supervised by Centre staff continued to increase. Both

these are very positive indicators of the Centre's health. As well, the number of HERDC publications was maintained as was the number of references to Centre research in local and national media. However, external funding fell back from 2011 by approximately 10%, the second year such funding has fallen. At the same time expenditures have risen, in large part due to the intake of new staff during 2011. The net operating loss on the year's operations was easily covered by retained funding brought forward from the previous year. This in large part reflects funds received in earlier years for research that was undertaken during 2012. Nevertheless, the Centre will need to carefully consider how the downwards trend in external funding can be reversed as we move through 2013 to ensure sufficient funding is attracted to the Centre to maintain its current trajectory.

Income for the Centre during 2012, totalling \$2.133M was 13% lower than for 2011. This income stream was generated from a range of sources, but principally from the Australian Housing and Urban Research Institute and the Australian Research Council and from a number of other external granting agencies including NSW Health and NSW Aging, Disability and Home Care. Internal UNSW funding support accounted for the remainder. The Figure below illustrates the sources of research income.

While the overall outcome for 2012 generated a net operating loss on the year of \$223K, this was more than covered by the carryover of funding from 2011 of \$1.49M, representing research income already received for work in hand and other accumulated surpluses. The final outcome for the year was a carry forward of \$1.26M.



What do these achievements mean in terms of the longer term strategic goals of the Centre? The 2012-2014 Business Plan identified nine Goals that the Centre aims to achieve in the next three years:

1. To reaffirm the Centre as the leading source of urban research in the Australian university system
2. To continue to maintain a diverse portfolio of funding streams to ensure ongoing sustainability, with a focus on **Category 1 grants** and longer term strategic funding opportunities
3. To consolidate existing strengths as the leading centre in the AHURI network
4. Prepare a bid for a **Centre of Excellence on City Planning and Policy** with ERA top-rated Universities to take advantage of AURIN generated datasets
5. To play a proactive and collaborative role in promoting **greater research activity across the Faculty** including: participation in supervision and mentoring, and research-into-teaching activity
6. To establish a small number of **international strategic partnerships** with like-minded, world-class institutions in order to maximise research, funding and career development opportunities
7. To provide an **unrivalled working environment** for staff including career path opportunities to aim retention of key staff



8. To rebalance productivity to focus on **world-class research outputs**
9. To relocate the Centre into a highly visible office space in the middle of the Faculty building, offering **world-class research infrastructure** for the staff, associates, visitors and Built Environment colleagues.

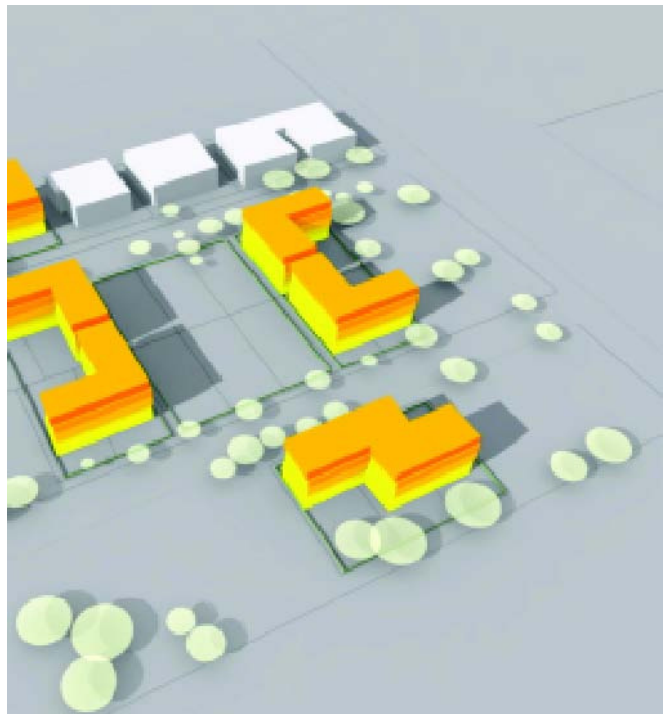
After the first year of the current Business Plan, I can report that Goals 1, 8 and 9 have been substantially achieved while Goals 3, 5 and 7 are well advanced. Goals 4 and 6 were both started in 2012 and will be further developed during 2013, while Goal 2 will remain an area of ongoing strategic focus. Together, these results represent substantial progress which suggests that the Centre is well on its way to achieving outcomes across all of its target areas over the next two years.

Finally, on behalf of the City Futures team, I would like to extend a very warm thanks to all our external partners and Faculty staff who have worked hard with us to achieve such a significant outcome.

A handwritten signature in black ink, appearing to read 'Bill Randolph', with a stylized flourish at the end.

Professor Bill Randolph  
Director  
City Futures Research Centre

June 2013



# 2

## CENTRE STAFF, VISITORS AND ASSOCIATES, 2012

# 2

## CENTRE STAFF, VISITORS AND ASSOCIATES, 2012

### CITY FUTURES STEERING COMMITTEE

In 2012 City Futures Management Board was replaced by the City Futures Steering Committee.

- **Prof Alec Tzannes**, Dean, Faculty of the Built Environment (Chair)
- **Prof Bill Randolph**, Director City Futures Research Centre, Associate Dean of Research, Faculty of the Built Environment
- **Peter McConaghie**, General Manager, Faculty of the Built Environment
- **Toni Hodge**, Faculty Research Manager, Faculty of the Built Environment
- **Prof Robert Freestone**, Professor, Planning Program, Faculty of the Built Environment

Three formal Steering Committee Meetings took place in 2012 on 10<sup>th</sup> April, 14<sup>th</sup> May and 10<sup>th</sup> September.

### CENTRE STAFF 2012

#### CITY FUTURES CORE STAFF



A/Prof Simon Pinnegar, Associate Director, City Futures Research Centre

- **Prof Bill Randolph**, Centre Director
- **A/Prof Simon Pinnegar**, Associate Director
- **Prof Hal Pawson**, Associate Director
- **Dr Gethin Davison**, Research Fellow
- **Danielle Del Pizzo**, Administration Assistant (appointed November 2012)
- **Dr Hazel Easthope**, Research Fellow
- **Dr Shanaka Herath**, Research Associate (appointed April 2012)
- **Sarah Judd**, Research Officer (until December 2012)
- **Dr Crystal Legacy**, Research Associate
- **Dr Edgar Liu**, Research Associate
- **A/Prof Vivienne Milligan**, Associate Professor
- **Ianina Rubinsztein**, Centre Financial Administrator (appointed September 2012)
- **Maria Schwensen**, Administrative Coordinator (until September 2012)
- **Andrew Tice**, Part time Senior Research Officer / PhD student
- **Ryan van den Nouwelant**, Senior Research Officer
- **Dr Ilan Vizel**, Research Associate



Prof Hal Pawson, Associate Director, City Futures Research Centre



## HEALTHY BUILT ENVIRONMENTS PROGRAM



A/Prof Susan Thompson,  
Director, Healthy Built  
Environments Program

- **A/Prof Susan Thompson**, CF Associate Director, Program Director, Healthy Built Environments Program
- **Klaus Gebel**, Research Associate (appointed February 2012)
- **Emily Mitchell**, Research Officer
- **Jennifer Kent**, Research Assistant
- **Andrew Wheeler**, Research Assistant

## ENABLING BUILT ENVIRONMENTS PROGRAM



A/Prof Catherine Bridge,  
Program Director, Enabling  
Built Environments Program

- **A/Prof Catherine Bridge**, CF Associate Director, Program Director, Enabling Built Environments Program
- **Toni Adams**, Research Assistant (Casual Professional)
- **Phillippa Carnemolla**, Industrial Designer/Research Assistant
- **Helmut Hoss**, Website Programmer
- **Lyndal Millikan**, Research Associate
- **Ianina Rubinsztein**, Research Administrator (until September 2012)
- **Joanne Quinn**, Research Associate

## SUSTAINABILITY AND CLIMATE CHANGE ADAPTATION

- **Prof Michael Neuman**, Associate Director, Sustainability and Climate Change Adaptation
- **Dr Araz Taeihagh**, Research Associate (appointed July 2012)

## VISITING STAFF 2012



Prof Michael Neuman,  
Associate Director  
Sustainability and Climate  
Change Adaptation

- **Dr Raymond Bunker**, Visiting Senior Research Fellow
- **Emeritus Prof Ian Burnley**, Visiting Professor
- **Prof Tony Capon**, HBEP Strategic Consultant/Visiting Professor
- **Bernie Coates**, Visiting Fellow
- **Dr Alasdair Jones**, Visiting Fellow
- **David Lilley**, Visiting Fellow
- **Alistair MacLennan**, Adjunct Associate Professor
- **Prof Jane Marceau**, Visiting Professorial Fellow
- **Peter Sainsbury**, Visiting Professorial Fellow
- **Dr Judy Stubbs**, Adjunct Senior Research Fellow
- **Emeritus Prof Patrick Troy**, Visiting Professorial Fellow
- **Jennifer Westacott**, Visiting Professorial Fellow

## BE ASSOCIATE STAFF 2012

In addition to the Centre staff, the following eight Faculty staff were actively associated with the Centre during 2012.

- **A/Prof Oya Demirbilek**, Associate Prof - Industrial Design Program
- **Paola Favaro**, Urban Development and Design
- **Scott Hawken**, Lecturer - Urban Development and Design
- **Prof Martin Loosemore** - Construction Management
- **Russell Lowe**, Senior Lecturer - Architecture Program
- **Prof Deo Prasad**, Program Director - Sustainable Development
- **Dr Cathy Sherry**, Senior Lecturer (Faculty of Law)
- **Stephen Ward**, Lecturer - Industrial Design Program
- **Prof James Weirick**, Program Director - Urban Development and Design

## RESEARCH PARTNERSHIPS

City Futures is engaged in research with a range of academic partners.

### AHURI

- **Emeritus /Professor Mike Berry**, RMIT University
- **Prof Terry Burke**, Swinburne University of Technology
- **Dr Lynda Cheshire**, University of Queensland
- **Dr Jonathan Corcoran**, University of Queensland
- **A/Prof Michael Darcy**, University of Western Sydney
- **A/Prof Dianne Dredge**, Southern Cross University
- **Prof Chris Guilding**, Griffith University
- **Prof Kath Hulse**, Institute for Social Research, Swinburne University
- **Prof Keith Jacobs**, University of Tasmania
- **Ms Nicole Johnson**, Griffith University
- **Prof Andrew Jones**, University of Queensland
- **Dr Julie Lawson**, RMIT University
- **Dr Sanna Markkanen**, Curtin Business School, Curtin University
- **Prof Peter Phibbs**, University of Western Sydney
- **Dr Awais Piracha**, University of Western Sydney
- **Dr Sasch Reid**, Griffith University
- **Dr Margaret Reynolds**, Swinburne University of Technology
- **Dr Andrea Sharam**, Swinburne University of Technology
- **Dr Wendy Stone**, Swinburne University of Technology
- **Prof Christine Whitehead**, London School of Economics
- **Dr Gina Zappia**, University of Queensland

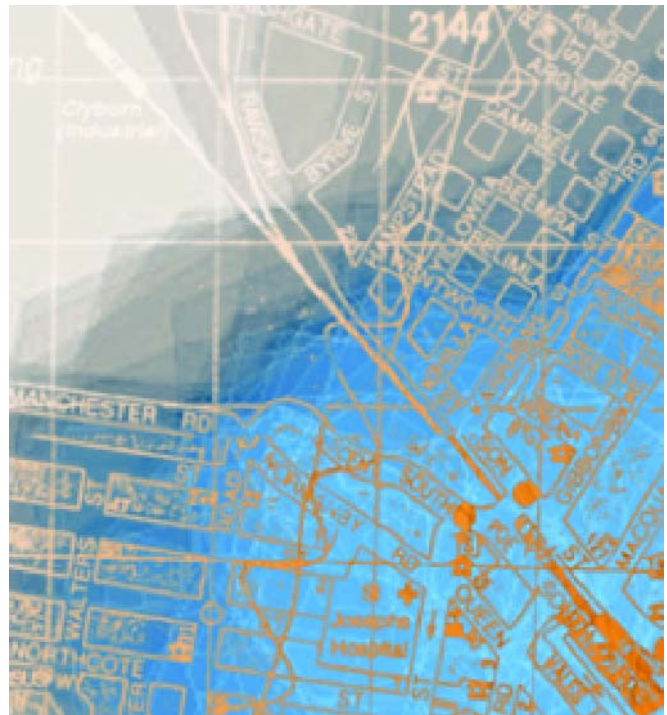
## OTHER ACTIVE PARTNERSHIPS

- **Prof Caroline Andrew**, University of Ottawa, Canada
- **Prof Glen Bramley**, Heriot-Watt University, Edinburgh
- **Prof Deborah Brennan**, Social Policy Research Centre, UNSW
- **Dr Roy Byun**, NSW Health
- **Prof Rebecca Chiu**, Department of Urban Planning and Design (DUPAD), The University of Hong Kong
- **A/Prof Eddo Coiacetto**, Griffith University
- **Prof Carey Curtis**, Curtin University
- **Michelle Daley**, National Heart Foundation
- **Prof Marja Elsinga**, OTB Research Institute for the Built Environment TU Delft, The Netherlands
- **Prof Suzanne Fitzpatrick**, Heriot-Watt University, Edinburgh
- **Stuart Gibb**, Landcom
- **Prof Billie Giles-Corti**, University of Melbourne
- **Karen Gilham**, Hunter New England Local Health District
- **Diana Griffiths**, Arup
- **Prof Richard Howitt**, Professor of Human Geography and Director, Macquarie-Ryde Futures Partnership, Department of Environment & Geography, Macquarie University
- **Prof Bin Jalaludin**, NSW Health
- **A/Prof Fran Klodawsky**, Carleton University, Canada
- **Dr Rebecca Leshinsky**, Australian Catholic University
- **Prof Nicholas Low**, The University of Melbourne, GAMUT
- **Claudine Lyons**, NSW Health
- **Dr Alan March**, The University of Melbourne
- **Peter McCue**, NSW Premier's Council for Active Living
- **Julie-Anne Mitchell**, National Heart Foundation
- **Dr Clare Mouat**, The University of Melbourne
- **Karen Paterson**, Division of Local Government
- **Caroline Scott**, Transport for NSW
- **Norma Shankie-Williams**, NSW Department of Planning and Infrastructure
- **Dr Margaret Shaw**, International Centre for the Prevention of Crime, Canada
- **Robyn Vincin**, Planning Institute of Australia
- **Dr Kalpana Viswanath**, Women in Cities International, JAGORI, India
- **Dr Jan Warnken**, Griffith University
- **A/Prof Carolyn Whitzman**, The University of Melbourne
- **Dr Danny Wiggins**, Planning, Facilitation and Education Services
- **Prof Steve Wilcox**, York University

## **ACTIVE INDUSTRY/GOVERNMENT PARTNERS**

- Arup
- City of Sydney
- Hunter New England Local Health District
- Landcom
- Lannock Strata Finance
- Macquarie Bank
- National Heart Foundation
- NSW Department of Housing
- NSW Department of Planning and Infrastructure
- NSW Fair Trading
- NSW Health
- NSW Land and Property Information
- NSW Office of Environment and Heritage
- NSW Premier's Council for Active Living
- Owners Corporation Network of Australia Ltd
- Planning Institute of Australia
- Salvation Army (NSW)
- South Western Sydney and Sydney Local Health Districts
- Strata Community Australia (NSW)
- Western Sydney Regional Organisation of Councils
- Willana Associates

# 3



## PERFORMANCE AGAINST TARGETS

# 3

## PERFORMANCE AGAINST TARGETS

The following table sets out the Centre's performance against financial and other performance targets that were considered achievable under projected staffing and capacity.

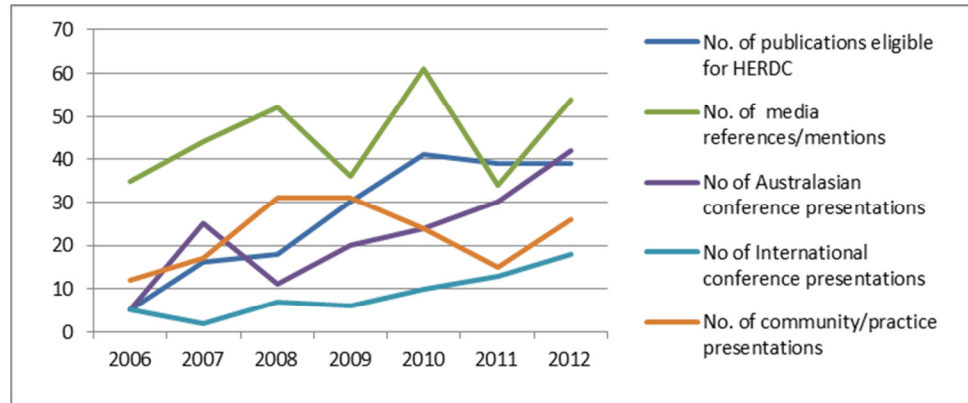
	2012 Target	2012 Actual
<b>External Research income</b>	\$2,150,000	\$ 1,760,782
<b>Performance Targets</b>		
Total projects completed in year	13	12
No. of publications eligible for HERDC	40	39
No. of industry partner based projects	10	7
No. of media references/mentions	55	54
No of Australasian conference presentations	25	42
No of international conference presentations	10	18
No. of community/practice presentations	25	26
Post-graduate students (actual)	20	26
Post-graduate completions (cumulative)	2	8
Associate Faculty staff	12	14

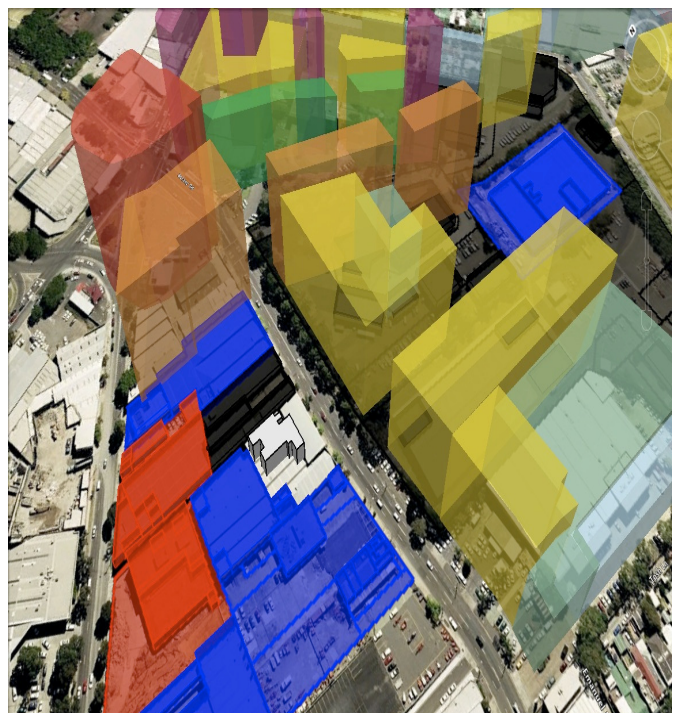
The Centre's performance over the past seven years is shown in the following table:

	2006	2007	2008	2009	2010	2011	2012
<b>External Research income</b>	0.78m	0.41m	1.20m	1.28m	2.09m	1.97m	1.76m
<b>Non-Financial Targets</b>							
Total projects completed in year	6	6	14	8	12	9	12
No. of publications eligible for HERDC	5	16	18	30	41	39	39
No. of industry partner based projects	6	7	6	11	11	6	7
No. of media references/mentions	35	44	52	36	61	34	54
No. of Australasian conference presentations	5	25	11	20	24	30	42
No. of International conference presentations	5	2	7	6	10	13	18



No. of community/practice presentations	12	17	31	31	24	15	26
Post-graduate students (actual)	6	10	16	16	25	25	26
Post-graduate completions (cumulative)	0	0	0	1	4	7	8
Associate Faculty staff	11	9	7	6	9	8	14





# 4

## CITY FUTURES WEBSITE



# 4

## CITY FUTURES WEBSITE

Visits and page views to City Futures Research Centre's website are monitored through *Google Analytics*.

From 2012, the City Futures website moved from [www.cityfutures.net.au](http://www.cityfutures.net.au) to within the [www.be.unsw.edu.au](http://www.be.unsw.edu.au) domain. In doing so, content was distributed to different sections of the site. The web stats in this report covers all BE pages with 'city-futures' in the URL. It therefore does not capture all City Futures related pages, such as the staff contact page, and the programs pages (Enabling Built Environment Program and Healthy Built Environment Program), which were previously part of the [www.cityfutures.net.au](http://www.cityfutures.net.au) site.

### **The City Futures webpage had a total of 36,132 page views in 2012.**

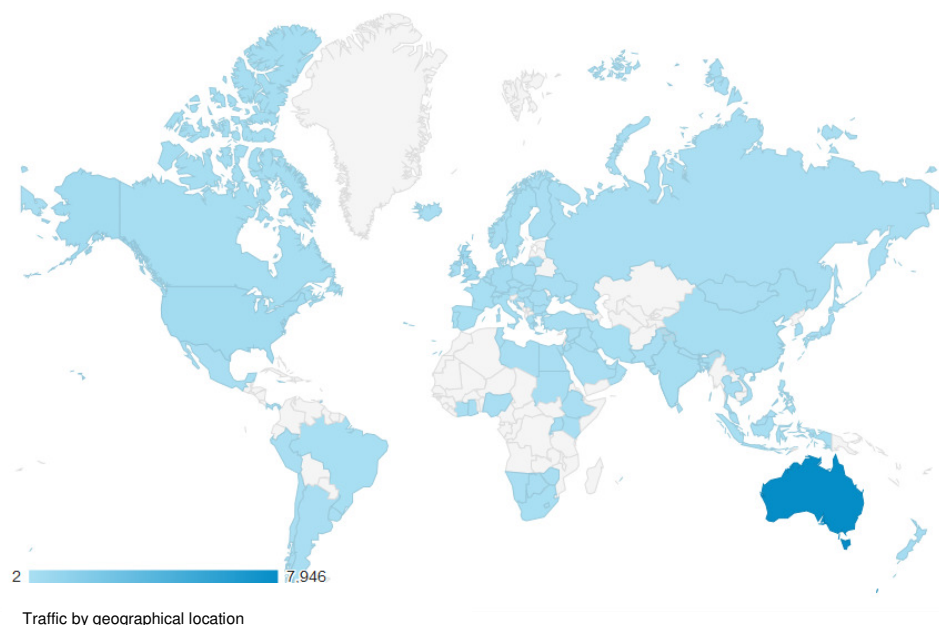
	Page views	Unique page views	Unique Visitors
January	3,598	2,385	610
February	3,710	2,572	717
March	3,173	2,274	677
April	2,298	1,524	430
May	4,296	3,157	1,281
June	3,425	2,505	886
July	2,750	2,084	707
August	3,555	2,594	817
September	2,794	1,843	564
October	2,683	1,887	582
November	2,333	1,762	618
December	1,517	1,119	422
Average	3,011	2,142	693

### **Top visiting countries/territories:**

Country	Visits	Percentage
Australia	7,946	75.2%
United Kingdom	588	5.6%
United States	349	3.3%
Germany	173	1.6%
New Zealand	171	1.6%
Canada	138	1.3%
China	101	1.0%
India	94	0.9%
Hong Kong	67	0.6%
Malaysia	62	0.6%

**Five of City Futures Research Centre's AHURI Project Research Reports were listed on AHURI's top 20 most downloaded report list in 2012**  
downloaded from (<http://www.ahuri.edu.au>)

Report	Downloads
Final Report: No. 186: Pathways into and within social housing	127
Final Report: No. 183: Developing sustainable affordable housing: a project level analysis	127
Final Report: No. 181: Multi-generation households in Australian cities	91
Positioning Paper: No. 147: The role of community housing organisations in meeting the housing and support needs of people who are homeless	59
Positioning Paper: No. 150: Downsizing amongst older Australians	55



### HEALTHY BUILT ENVIRONMENTS PROGRAM

(<http://www.be.unsw.edu.au/programmes/healthy-built-environments-program/about>)

- 12,622 Page views
- 8,861 Unique Page views

## HOME MODIFICATION INFORMATION CLEARINGHOUSE'S WEBSITE

The Home Modification Information Clearinghouse maintains a separate external website for Director, Enabling Built Environments Program: [www.homemods.info/](http://www.homemods.info/)

The website is required as part of its funding agreement with the Home and Community Care program contract to deliver an online information service.

### Number of visitors to [www.homemods.info/](http://www.homemods.info/) in 2012.

	Page views	Unique visitors
January	6,175	1,999
February	8,311	2,391
March	8,154	2,535
April	9,672	2,524
May	10,809	2,850
June	9,194	2,240
July	9,770	2,310
August	11,705	2,775
September	11,040	2,709
October	11,124	2,761
November	10,847	2,394
December	9,212	1,530
Average	9,668	2,418

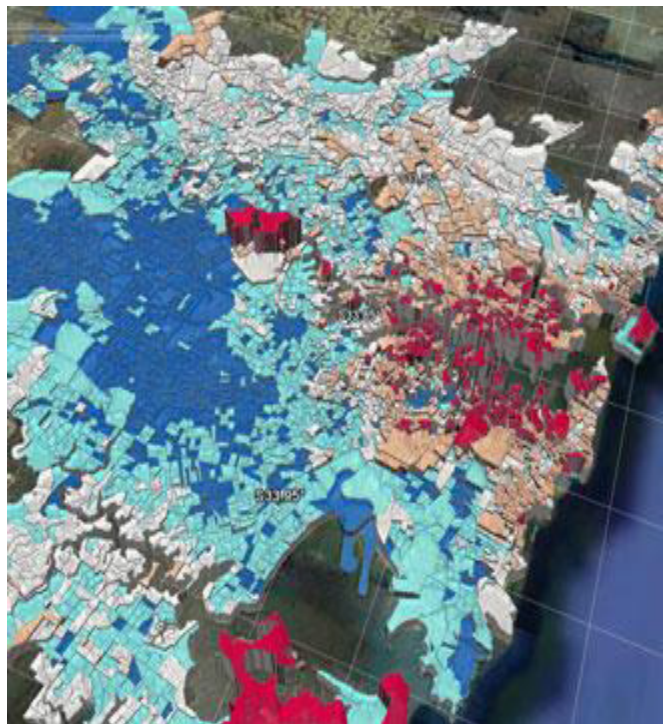
### 33,530 visits came from 151 countries/territories:

Country	Visits
Australia	20,857
United States	4,839
United Kingdom	1,333
Canada	638
India	530
New Zealand	370
Taiwan	285
China	270
Singapore	270
Belgium	226

**Top 5 Publications Downloaded:**

<b>Title &amp; link</b>	<b>No of Visits (cumulative)</b>
Consumer Factsheet: - Arranging Home Modifications <a href="http://www.homemods.info/publications-by-hminfo/consumer/consumer-factsheet-arranging-home-modifications-in-new-south-wales#main-content">http://www.homemods.info/publications-by-hminfo/consumer/consumer-factsheet-arranging-home-modifications-in-new-south-wales#main-content</a>	8,267
Home Smoke Alarms: Hard Wired and Battery-Powered Systems - SUMMARY BULLETIN <a href="http://www.homemods.info/publications-by-hminfo/occasional/home-smoke-alarms-hard-wired-and-battery-powered-systems-summary-bulletin#main-content">http://www.homemods.info/publications-by-hminfo/occasional/home-smoke-alarms-hard-wired-and-battery-powered-systems-summary-bulletin#main-content</a>	3,697
Dementia Design Guidelines: Home and Community Care Capital Works Program (2nd Edition) <a href="http://www.homemods.info/publications-by-hminfo/occasional/dementia-design-guidelines-home-and-community-care-capital-works-program-2nd-edition#main-content">http://www.homemods.info/publications-by-hminfo/occasional/dementia-design-guidelines-home-and-community-care-capital-works-program-2nd-edition#main-content</a>	3,198
Stairs - A Summary Bulletin <a href="http://www.homemods.info/publications-by-hminfo/occasional/stairs-a-summary-bulletin#main-content">http://www.homemods.info/publications-by-hminfo/occasional/stairs-a-summary-bulletin#main-content</a>	2,744
Industry Factsheet: Designing home environments for people with problems with cognition who display aggressive or self-injurious behaviour <a href="http://www.homemods.info/publications-by-hminfo/industry/industry-factsheet-designing-home-environments-for-people-with-problems-with-cognition-who-display-aggressive-or-self-injurious-behaviour#main-content">http://www.homemods.info/publications-by-hminfo/industry/industry-factsheet-designing-home-environments-for-people-with-problems-with-cognition-who-display-aggressive-or-self-injurious-behaviour#main-content</a>	2,487

# 5



## DESCRIPTION OF RESEARCH PROJECTS IN PROGRESS OR COMPLETED IN 2012

# 5

## DESCRIPTION OF RESEARCH PROJECTS IN PROGRESS OR COMPLETED IN 2012

### CITY FUTURES - PROJECTS COMPLETED DURING 2012

Project Name	Funded by	Start	Total Funds
ARC DP0986122: The Drivers and Outcomes of Re-Investments in Low Density Suburban Housing Markets	ARC	2009	\$273,000
ARC LP0989373: Governing the Compact City: The Role and Effectiveness of Strata Management in Higher Density Residential Developments	ARC	2010	\$266,000
AHURI Project 70615: Pathways and Choice in a Diversifying Social and Affordable Housing System	AHURI	2010	\$127,298
AHURI Project 70617: How Sustainable are Australia's Contemporary Affordable Housing Projects?	AHURI	2010	\$116,430
Housing NSW Research and Advisory 2010-2012	Housing NSW	2010	\$81,000
AHURI Project 70639: Community Land Trusts and Indigenous Housing Outcomes System	AHURI	2010	\$22,061
AHURI Project 70691: Affordable Housing, Urban Renewal, and Planning: Emerging Practice in NSW, South Australia and Queensland	AHURI	2011	\$98,198
AHURI 30652: Housing Supply Bonds - a Suitable Instrument to Channel Investment Towards Affordable Housing in Australia?	AHURI	2011	\$19,965
Waterloo Green Neighbourhood Evaluation	Housing NSW	2012	\$47,970
NSW Housing Market Quarterly Bulletin	Real Estate Institute of NSW	2012	\$14,430

### **ARC DP0986122: The Drivers and Outcomes of Re-Investments in Low Density Suburban Housing Markets**

This two-year research project, commenced in July 2009, explored the process of reinvestment in lower density housing which has become a significant factor in the incremental renewal of these areas with implications for their socio-economic stability as well as their adaptation to improved environmental standards. Using both quantitative and qualitative research methods and Sydney as an exemplar, the project studied the rate and scale of renewal and the drivers of this process from both the supply and demand side of the market.

The study was based on analysis of Development Applications at local councils and census data, to assess the magnitude and the geography of knockdown-rebuild and major renovations activity in Sydney, and its correlation with various socio-economic and land value factors. In addition, a survey of close to 7000 properties in which knockdown-rebuild has taken place in the last 5 years, and over 40 in-depth face-to-face interviews with residents, planners and builders in the knockdown-rebuild industry has provided a deeper understanding of the drivers of demand and supply for this activity, as well as its environmental and social impacts.

For more information regarding this project, please visit the project website: <http://www.be.unsw.edu.au/urban-planning-and-policy/projects/drivers-and-outcomes-re-investment-low-density-suburban-housing>



### **ARC LP0989373: Governing the Compact City: The Role and Effectiveness of Strata Management in Higher Density Residential Developments**

This research project, supported by the NSW strata industry and the NSW State and Federal governments, charted the key issues facing the governance and management of strata buildings. The research was undertaken by the High Density City team at the City Futures Research Centre. The project is the first major study of the strata sector undertaken in Australia.

The research had three main aims:

1. To explore the role, capacity and effectiveness of owners' corporations as agencies of property governance and management.
2. To explore the capacity and effectiveness of strata managers.
3. To assess how well residential strata works from strata owners' points of view.

The project, which focused on NSW, delivered systematic information about the operation of the strata system. The findings will assist residents, owners and those involved in strata management and policy development to better understand the nature and scale of issues facing the strata sector and its capacity to self-manage these issues. It informs the evidence base to support improved best practice and policy development across the sector. While focused on NSW, its results will inform policy and practice in the strata sector across Australia.

The research was undertaken by the City Futures Research Centre in partnership with:

- The Institute of Strata Title Management
- The Owners Corporation Network
- Lannock Strata Finance
- Macquarie Bank
- NSW Land and Property Management Authority
- NSW Fair Trading

Funding and support to carry out this project was received from our partners and from the National Competitive Grants Program run by the Federal Governments' Australian Research Council.

For more information regarding this project, please visit the project website: <http://www.be.unsw.edu.au/high-density-living/projects/governing-compact-city-role-and-effectiveness-strata-management-higher>

### **AHURI Project 70615: Pathways and Choice in a Diversifying Social and Affordable Housing System**

The study's principle aim was to chart a range of pathways into and within the current Australian social housing system at a time of significant changes to the sector, including the expansion of community housing, the introduction of common access systems in a number of states, and increased targeting of social housing towards those in greatest need. The study outlines how the policies and practices of social housing providers help shape these pathways, with a particular focus on application procedures, assessment practices and allocation priorities. Implementation of common housing registers was identified as a key policy area that directly affects access to social housing in the context of a diversifying social housing system. As such, the study examines the implementation of common social housing registers in NSW and Queensland (and, to a lesser extent, Victoria, where the development of a common register is still underway) and draws out some of the key lessons from these experiences. The main component of the empirical investigation consisted of in-depth interviews with 60 social housing tenants in NSW, Queensland and Victoria who were recruited through a tenant



survey. The interviews were distributed equally across metropolitan and non-metropolitan areas, and included both public and community housing tenants.

The findings of this study on social housing tenants' housing histories, their experience of applying for social housing and their experiences of mobility within the social housing system reflect the vital role social housing plays in providing secure affordable tenancies for those in greatest need. Yet, they also reflect the continuing need to improve access to social housing, to improve choice and mobility within the social housing system, and to develop additional programs that address a wider array of housing needs in different ways.

To access the study's final report, please visit the following link:

[www.ahuri.edu.au/publications/download/70615\\_fr](http://www.ahuri.edu.au/publications/download/70615_fr)

### **AHURI Project 70617: How Sustainable are Australia's Contemporary Affordable Housing Projects?**

This study examines how contemporary Australian affordable housing projects are designed, financed, developed and managed. The study aims to deepen understanding and raise awareness of the various trade-offs that shape the design and development of affordable housing projects in Australia, and to suggest ways in which such trade-offs can be managed to deliver outcomes that are socially, environmentally and financially sustainable. The study also offers a tool for project-level evaluation of affordable housing. Eight recently completed and tenanted affordable housing projects were selected as case studies, and their assessment has been based on qualitative and quantitative research methods that included provider interviews, site visits, a design checklist, an independent expert review of architectural aspects, a resident survey, a focus group with residents and document analysis. Field work was conducted during the first half of 2011.

Overall, our study demonstrates the good capacity of diverse not-for-profit organisations to develop affordable housing projects that are more socially, financially and environmentally sustainable. The study shows that well conceived, well designed and well managed projects can have strongly beneficial outcomes for residents, be financially viable and make a positive contribution to the urban environment. At the same time, the study also reveals that not-for-profit housing providers face a variety of challenges initiating, delivering and maintaining projects. The emerging industry faces a steep learning curve as it seeks to respond to opportunities for rapid growth and to achieve multiple sustainability objectives. Addressing these challenges will require continuous professional development within the not-for-profit housing sector, as well as more informed governments offering better designed policies and subsidies, supported by further targeted research and evaluation.

To access the study's final report, please visit the following link:

[http://www.ahuri.edu.au/publications/download/70617\\_fr](http://www.ahuri.edu.au/publications/download/70617_fr)

### **Housing NSW Research and Advisory Services 2010-2012**

This agreement built upon the strong relationship developed between Housing NSW and City Futures Research Centre in previous years. It formed a flexible framework with a series of aims: (1) to provide on-going research and expert input into policy development, the development of documentation, and presenting outcomes; (2) to offer a series of research and policy briefings; and (3) to scope new research proposals to leverage additional funding in support of HNSW policy development and evaluation.

### **AHURI Project 70639: Community Land Trusts and Indigenous Housing Options**

Community Land Trusts (CLTs) are a model of community-based, perpetually affordable housing that has been operating in the United States for the past 30 years and more recently in the United Kingdom. CLTs are a mechanism for creating affordable home ownership that remains affordable across re-sales and inheritance, and establishes clear and ongoing relationships between homeowners and their community.

This research project investigated the potential of CLT models to enhance tenure choices for Indigenous households in Australia, in the context of government aims to offer a way of providing home ownership that is both affordable and consistent with Indigenous aspirations. The project, which was guided by ongoing input from Indigenous stakeholders, involved examination of international evidence of use of CLTs and developed a consultative methodology for assessing the feasibility and application of the model in a variety of local situations in urban, regional and remote areas of NSW and Queensland. Three different models were identified with potential to operate in one of these diverse contexts.

The research was led by Dr Louise Crabtree at the University of Western Sydney working in collaboration with Prof Peter Phibbs (UWS) and Associate Prof Vivienne Milligan at City Futures, UNSW.

The project commenced in October 2010 and was completed in 2012.

For more information about this project and to download publications, please visit:

<http://www.ahuri.edu.au/publications/projects/p70639>

### **AHURI Project 70691: Affordable Housing, Urban Renewal, and Planning: Emerging Practice in NSW, South Australia and Queensland**

This research reviewed and compared emerging approaches to planning for affordable housing in Australia, with a focus on models being applied in urban renewal contexts in Brisbane, Adelaide and Sydney. It examined the factors that shaped the design and introduction of these models, their effectiveness to date, their integration with other available affordable housing policies, incentives and subsidies, and the potential for them to be made more effective. The researchers working on the project were Gethin Davison, Nicole Gurrán, Ryan Van den Nouwelant, Simon Pinnegar and Bill Randolph.

For more information regarding this project, please visit the project website

<http://www.be.unsw.edu.au/ahuriunsw-uwsresearchprojects/projects/affordable-housing-urban-renewal-and-planning-emerging>

### **AHURI Project 30652: Housing Supply Bonds: a Suitable Instrument to Channel Investment towards Affordable Housing in Australia?**

This research project drew on international evidence, experts and financial modelling to explore the possibilities of utilising bond finance as a means of expanding affordable rental housing supply in Australia.

In particular, it investigated the potential to adapt the Austrian Housing Construction Convertible Bonds scheme to Australia. In previous research to which City Futures contributed, the Austrian housing bonds scheme was found to be popular among risk averse investors; an efficient scheme for capturing household savings and investment and channelling these towards housing supply; cost effective for governments and reasonably robust in the face of recent dynamic investment conditions.

The research process also involved interviews with Australian investment industry leaders, housing providers and government officials and an expert workshop to develop an implementable proposal for the terms and conditions of a housing supply bond.

The key output of the research was a proposal for development of a Housing Supply Bond (HSB) suited to Australian conditions, including recommendations covering an appropriate financial intermediary, marketable terms and conditions for a suite of bond instruments, regulatory requirements and complementary policy reforms. This proposal has received widespread media attention and industry support.

The research was led by Dr Julie Lawson at RMIT University working in collaboration with Associate Prof Vivienne Milligan at City Futures, UNSW and Associate Prof Judith Yates (University of Sydney). The project commenced in February 2011 and was completed in 2012.

For more information regarding this project and to download publications, please visit:

<http://www.ahuri.edu.au/publications/projects/p30652>

### **Waterloo Green Neighbourhood Evaluation**

Waterloo Green is part of a large concentration of public housing in the wider Redfern area. The estate has seen many of the problems common to high density public housing elsewhere in Australia and in other countries. As well as having experienced historic under-investment in maintaining the physical fabric, the estate has been affected by the growing residualisation of public housing and the growing concentration of poverty and worklessness in the sector. Associated with these problems, the estate has been subject to abnormal levels of crime, vandalism and insecurity impacting on the lettability of vacant flats and the 'churn' of the resident population.

This study assessed the Housing NSW Waterloo Green Neighbourhood Project (WGNP), an estate management initiative seeking to improve residents' quality of life mainly via security improvements and an intensified local management presence. As such, it involved initial investment in security and other environmental works, with an ongoing commitment to relatively intensive housing management and security services. More unusually, the project required that contractors employ local social housing residents as trainees to gain experience as 'front desk' staff, as security operatives and as maintenance workers.

The fieldwork involved:

1. a series of in-depth interviews with a wide range of Housing NSW staff and other stakeholders
2. focus group meetings with HNSW tenants
3. analysis of secondary data to probe the initiative's impact on housing management performance and efficiency, as well as the incidence of crime and antisocial behaviour.

For more information regarding this project, please visit the project website

<http://www.be.unsw.edu.au/housing-policy-and-practice/projects/waterloo-green-neighbourhood-project-evaluation>

### **NSW Housing Market Quarterly Bulletin**

This project involves City Futures working in partnership with the Real Estate Institute of New South Wales in the production of a quarterly housing market bulletin. Drawing on house sales data from the Office of the Valuer-General, as well as from REINSW member estate agents, the (subscriber only) bulletin provides a detailed breakdown of Sydney and regional NSW house prices at suburb/LGA level. An analysis of recent trends in the residential rental market is also included.

The bulletin also includes:

A descriptive commentary on housing market activity in the most recent quarter, highlighting the most notable statistics and trends – drafted with a view to providing angles potentially of interest to property journalists.

An analytical commentary on housing market trends and possible contributory factors (e.g. recent land use planning decisions, policy directions, demographic and economic trends).

A ‘market conditions and analysis’ section featuring a regular set of relevant economic, demographic and financial indicators to include a similar range of issues covered in the REIV publication.

For more information regarding this project, please visit the project website:

<http://www.be.unsw.edu.au/housing-policy-and-practice/projects/nsw-housing-market-quarterly-bulletin>



## CITY FUTURES - PROJECTS ONGOING AT END OF 2012

Project Name	Funded by	Start	Total Funds
ARC LP0990075: Implementing Metropolitan Planning Strategies	ARC	2010	\$296,000
Building Stronger Communities Final Evaluation	Housing NSW	2011	\$272,849
AHURI Project 70704: MYRP_Addressing Spatial Concentrations of Disadvantage	AHURI	2011	\$714,426
AHURI Project 70689: Understanding Leadership, Strategy and Organisational Dynamics in the not-for-profit Housing Sector	AHURI	2011	\$119,957
AHURI Project 70687: Downsizing amongst Older Australians	AHURI	2011	\$185,218
Understanding People Based Outcomes: Following a Community Experience Transition through Renewal	Newleaf Communities/ Housing NSW	2011	\$250,396
ARC LP110100462: Understanding 'Encounter' as a Dimension of Social Inclusion for People with Intellectual Disability	ARC (via La Trobe University)	2011	\$84,000
ARC DP120100956: Living Together: The Rise of Multigenerational Households in Australian Cities	ARC	2012	\$171,051
AHURI Project 71008: Public Housing Transfers in Australia	AHURI	2012	\$156,729
AHURI Project 71007: Understanding and addressing local opposition to affordable housing projects	AHURI	2012	\$127,264
AHURI Project 71016 Financing Rental Housing through Institutional Investment: An Investigative Panel	AHURI	2012	\$97,367
Salvation Army Affordable Housing Strategy	Brookfield Multiplex	2012	\$30,946

### ARC LP0990075: Implementing Metropolitan Planning Strategies

The project is a three-year research program working with the NSW Department of Planning and Infrastructure and state development agency Landcom. The overarching aim of the project is to develop a suite of practically applicable methods to enable partner agencies to assess local housing demand profiles. Supply-side issues and mechanisms are well understood and monitored. Forecasting techniques, and assumptions based upon these techniques, are used to 'plan' our cities into the future. However, the actual translation of these strategies requires a more nuanced and pragmatic approach if the differential geographies of housing demand are to be understood and worked with. The project commenced in January 2010 with the initial stages of the research incorporating a synthesis of existing research that the partners had commissioned in the previous 5 years. The

synthesis was a necessary stage of the linkage for two core reasons; the first was to articulate the supply side language of the existing materials with a more explicit emphasis on the role of local demand, the second was to introduce some of the key concepts behind the chosen methodological approaches to be taken forward in the next stages of the research. These methodological approaches are being developed by the project's APA(I) PhD candidate and focus on the profiling of local submarket functionality with an explicit emphasis on patterns of inter and intra regional migration.

For more information regarding this project, please visit the project website:

<http://www.be.unsw.edu.au/urban-planning-and-policy/projects/implementing-metropolitan-planning-strategies-taking-account>



### **Building Stronger Communities - Final Evaluation**

Building Stronger Communities represents a \$66 million investment by Housing NSW to regenerate 18 public housing estates across NSW. The initiative commenced in early 2007, with the baseline study (also conducted by City Futures) completed in early 2009.

In early 2011, Housing NSW commissioned City Futures (with assistance from UNSW's Social Policy Research Centre) to conduct a final evaluation of Building Stronger Communities, with the view of the initiative winding up in all 18 estates in mid- to late 2011. Much like the baseline study, the final evaluation comprised a telephone survey, stakeholder and executive interviews, and with the additional of focus groups with local residents. Fieldwork was completed between August and September 2011. In all, more than 1300 resident surveys were completed, with 50 participated in the resident focus groups; 73 stakeholders and Housing NSW executives were also interviewed. A final report was submitted to Housing NSW in April 2012.

For more information regarding this project, please visit the project website:

<http://www.be.unsw.edu.au/urban-planning-and-policy/projects/building-stronger-communities-final-evaluation>

### **AHURI MYRP704: Addressing Spatial Concentrations of Social Disadvantage**

Urban dynamics have led to growing spatial polarisation of wealth and housing conditions in Australian cities. While slums and ghettos may be absent, concentrations of poverty and disadvantage can be found in every major conurbation and in many larger regional centres. These are often associated with poorer living conditions and local amenities. However, the geographies of social-spatial polarisation have shifted over time. As shown in our earlier research, the locations of social disadvantage have shifted decisively outwards in Australian cities in recent decades. What was once largely seen as an inner city issue is now very much a problem of middle and outer suburban areas.

Although certain large public housing estates may constitute the most easily identifiable examples, many such concentrations of disadvantage are composed mainly or entirely of private housing, much of it private rented housing. Nevertheless, to the extent that public policy has attempted to address the problems of such areas, it has continued to focus largely on public housing estates – albeit with generally only limited success.

While the current policy zeitgeist places both social inclusion and cities firmly on the agenda, there is a pressing need for better synergies across government, including through a more considered understanding of the inherently spatial nature of government policies and their impacts. Through extensive analysis of census and other secondary data, as well as primary fieldwork focusing on disadvantaged neighbourhoods in Brisbane, Melbourne and Sydney, this research project seeks to fill this gap.

For more information regarding this project, please visit project website:

<http://www.be.unsw.edu.au/housing-policy-and-practice/projects/addressing-concentrations-disadvantage>



### **AHURI Project 70689: Understanding Leadership, Strategic Positioning and Decision Making in Third Sector Housing Organisations**

In line with government commitments for the not-for-profit sector to comprise up to 35% of social housing by 2014, third sector organisations (TSOs) have an expanding role in the procurement and renewal of affordable housing in Australia. A series of recent policy and regulatory changes have sought to support the development of the sector, enabling TSOs to grow and diversify their businesses.

This project is concerned with how leaders of TSOs are responding to these changes and other external influences on their organisations. To measure this, the research uses a specialised methodology originally developed in the UK and since applied in the Netherlands. This methodology – based on the ‘Delphi’ model – combines a survey of panel members (typically TSO CEOs) with in-depth interviews that attempt to understand the drivers of converging viewpoints and elicit explanations for differences in viewpoints among panellists.

The project is being led by Associate Prof Vivienne Milligan at City Futures with the assistance of Dr Gethin Davison. The research team also includes senior academics at Swinburne University and University of Western Australia. Also contributing to the study is the UNSW Centre for Social Impact (CSI), Australia’s leading centre for third-sector research. The research team will also receive strategic guidance from international researchers working on parallel studies in the UK and the Netherlands, with a view to the development of joint academic outputs and international dissemination of findings. A paper on preliminary findings was presented at an international housing conference in Norway in June 2012.

Survey work commenced in October 2011, follow up panel interviews were conducted in the first half of 2012 and the first results of the study will be published in 2013.

For more information regarding this project, please visit:

<http://www.ahuri.edu.au/publications/projects/p70689>

### **AHURI Project 70687: Downsizing amongst Older Australians**

Given the rapidly ageing Australian population and the need to ensure appropriate and affordable housing, this project investigates the phenomenon of downsizing amongst older people in Australia, a hitherto largely under-researched aspect of ageing and housing. It aims to discover the extent of downsizing; the demographics, motivations and circumstances precipitating downsizing; the financial and social considerations and consequences of downsizing; obstacles or disincentives to downsizing; and what policy options might assist older people wishing or needing to downsize. The research involves an international literature and policy review, analysis of indicative ABS Census and Survey of Disability and Ageing data, a national survey via 50 Something magazine (2819 responses), 60 face to face in-depth interviews in three states (NSW, Victoria and SA) and three policy forums in the same states using the World Cafe conversation methodology. The results will assist policy makers and the housing industry to better understand the housing needs of older Australians, and older people themselves to be more informed about issues around moving and downsizing in later life. The project commenced in April 2011 and is due to be completed by February 2013.

More information is at:

<http://www.be.unsw.edu.au/ahuriunsw-uwsresearchprojects/projects/downsizing-amongst-older-australians>



### **Understanding People Based Outcomes: Following a Community Experience Transition through Renewal**

City Futures was commissioned by Newleaf Communities to conduct a longitudinal panel study with current and former residents of the western Sydney suburb Bonnyrigg to understand the short- and long-term impacts the suburb's wider redevelopment has on the community. Much like the public-private partnership approach taken to redevelop the suburb of Bonnyrigg, this longitudinal panel study will also be the first of its kind in Australia, tracking residents through the redevelopment of Bonnyrigg, learning about their experiences of relocating, and understanding how the redevelopment has impacted on the dynamics of the community. By May 2013, the redevelopment of Stages 1 and 2 had been fully completed and residents have begun moving into Stage 3, residents in Stages 4 to 6 also temporarily relocated.

The research team spent much of 2011 and early 2012 recruiting nearly 200 families as potential participants, comprised of both social housing tenants, private homeowners and private tenants, residents who have moved into new homes, who have been temporarily relocated, or have decided to leave Bonnyrigg permanently. The first wave of interviews commenced at the end of April 2012 and was completed in October. The first wave report has also been completed and accepted by Newleaf Communities. The research team will be spending 2013 reporting their findings back to the community and in preparing other outputs.

As part of the longitudinal study, these participants will be reinterviewed every other year, with the second wave of interviews to be completed in 2014, providing further evidence on the longer-term impacts a neighbourhood redevelopment has on its local community.

For more information regarding this project, please visit project website:

<https://www.be.unsw.edu.au/housing-policy-and-practice/projects/understanding-people-based-outcomes-following-community>



### **ARC LP110100462: Understanding 'Encounter' as a Dimension of Social Inclusion for People with Intellectual Disability**

Despite the centrality of social inclusion to social policy, its interpretation and attainment remain elusive for people with intellectual disability. Drawing ideas from disability and urban planning, and using the concept of 'encounters', this research aims to develop greater conceptual clarity about one aspect of social inclusion and explore the influence of the social and built environment on opportunities for people with intellectual disability to be socially included. It explores the types of 'encounters' experienced by people with intellectual disability to identify factors that support or inhibit encounters. This knowledge will inform development of strategies to facilitate social inclusion for people with intellectual disability.

By integrating conceptual and methodological approaches from the fields of urban geography/planning and disability studies, this research provides an innovative approach to the study of social inclusion. It will use observational methods, locality

surveys and interviews to explore and identify the range of convivial “encounters” experienced by people with intellectual disability from their own perspective and that of the general public. This method moves beyond previous reliance researchers have placed on self-reported attitudes as an indicator of how people with intellectual disability are regarded by the public.

For more information regarding this project, please visit the project website:

<http://www.be.unsw.edu.au/housing-policy-and-practice/projects/understanding-encounter-dimension-social-inclusion-people>

### **ARC DP120100956: Living Together: The Rise of Multigenerational Households in Australian Cities**

Increasing numbers of Australians are living in households consisting of multiple generations of related adults, especially in our major cities. At the time of the last Census (2006) almost one in five Australian households consisted of two or more generations of related adults.

The aim of the research is to determine the principal drivers of the emergence of multigenerational households in Australian cities and how these affect the day-to-day lives of families.

The research focuses on:

1. Structural changes in Australian society, notably the ageing of the population, changing employment structures, and constrained housing supply.
2. Public policy decisions about the provision of housing and areas of family significance, notably higher education, child care and aged care.
3. Social and cultural views about the family, influenced by shifts in the social and cultural makeup of our cities.

The project will demonstrate the dynamic relationships between the financial, political, demographic, social and cultural factors influencing the nature and extent of multigenerational households.

The project will also provide insights into intergenerational family relationships and individuals’ understandings of family and home; challenge and extend understandings of intergenerational dependency; and provide valuable information to enable policy-makers to better plan for urban development and forecast demand for services and subsidies.

As part of this research, the research team will:

- Use a questionnaire survey and census analysis to verify the extent of multigenerational cohabitation in two Australian cities (Sydney and Brisbane).
- Ask members of multigenerational households to complete diaries, and participate in post-diary interviews and focus group discussions about their decision to live in a multigeneration household and the influence of these drivers on their understandings of identity, family and home.

For more information regarding this project, please visit the project website:

<http://www.be.unsw.edu.au/urban-planning-and-policy/projects/living-together-rise-multigenerational-households-australian>

### **AHURI Project 71008: Public Housing Transfers in Australia**

The Australian Government has pledged significant reform for social housing, centred on expanding the role and scale of community housing providers (CHPs) whose non-public status affords them financial and other advantages (Plibersek, 2009). Influenced by this commitment, State and Territory Housing Ministers agreed in 2009 to expanding the not-for-profit (NFP) sector to account for up to 35% of social housing by 2014 (Housing Ministers Council, 2009). Only via a much

expanded program of tenanted stock transfers from the state housing agencies (SHAs) could this target be achieved. Informed by a review of such transactions already undertaken in Australia, and drawing on relevant international experience, this study aims to identify the issues needing to be addressed to develop a strategic framework which may well be required to facilitate larger scale transfers.

Led by Professor Hal Pawson, this project addresses the following specific research questions:

1. What forms of stock transfer have been tried by each state/territory over the last 10-15 years?
2. What objectives have stock transfers aimed to fulfil and to what extent have these been met?
3. What key learnings have been derived from existing experience – e.g. on accounting, taxation, staffing and resident involvement?
4. What forms and scale of transfer are currently envisaged across all states and territories?
5. How does the Australian experience compare with stock transfer models in the UK?
6. What should be the conceptual foundations and best practice principles of larger-scale stock transfer?
7. What policy, operational and financial barriers would need to be overcome to support larger scale tenanted transfers in future?

Drawing on previous Australian and international experience, and informed additionally by stakeholder and expert inputs, the study will propose conceptual foundations and a strategic framework for a larger scale stock transfer program suited to the Australian policy and institutional context. With expert knowledge of social housing reform, internationally, as well as the Australian policy and administrative context, our research team is well-qualified to undertake this study.

For more information regarding this project, please visit the project website:

<http://www.be.unsw.edu.au/housing-policy-and-practice/projects/public-housing-stock-transfers-australia>

### **AHURI Project 71007: Understanding and addressing local opposition to affordable housing projects**

In response to a deepening housing affordability crisis, governments in Australia have recently introduced a host of policy initiatives and legislative mechanisms to boost the provision of affordable housing. The Nation Building Economic Stimulus Plan (NBESP), the National Rental Affordability Scheme, the NSW Affordable Rental Housing SEPP and Amendment VC56 in Victoria have all aimed to boost the supply of accommodation affordable to lower income households and/or fast-track its development. However, the development of affordable housing has frequently been frustrated by local opposition from communities, planners, politicians and the media. In all major Australian cities, such projects have been delayed, cut back and sometimes even halted following local resistance to their development.

The central aim of this project is to better understand the nature of this opposition so that 'affordable housing' advocates can achieve greater success in progressing future development applications. The proposed project will consider (a) the role of affordable housing in the context of current housing policy; (b) the factors that underlie concerns about affordable housing projects in the Australian context; (c) the extent to which commonly-raised concerns about affordable housing projects eventuate; and (d) the opportunities for concerns about affordable housing to be addressed through policy and practical measures.

Being undertaken in three states (NSW, SA and QLD), the research will centre on four case studies encompassing diverse policy settings and local area types. Each case study will be a locality where two or more affordable housing projects have been proposed and/or developed over the past five years and where these schemes have been subject to varying degrees of community resistance. Through

a combination of qualitative and quantitative research methods, the following questions will be addressed:

1. What is the policy and housing market context for local opposition to affordable housing?
2. What factors underlie local resistance to affordable housing developments?
3. What are the impacts of affordable housing development on local area characteristics?

How can opposition to affordable housing projects be minimised through policy measures and practical steps?

The study will produce a series of recommendations for policy-makers and housing providers on mitigating or addressing resistance to affordable housing, as well as an evidence-base that documents the impacts of new affordable housing projects on local area characteristics such as property values, crime rates and environmental amenity. Despite the widespread prevalence of opposition to affordable housing in Australia, no such evidence-base currently exists.

For more information regarding this project, please visit the project website:

<http://www.be.unsw.edu.au/housing-policy-and-practice/projects/understanding-and-addressing-local-opposition-affordable>

### **AHURI Project 71016 Financing Rental Housing through Institutional Investment: An Investigative Panel**

Investment by superfunds and other institutions is desirable to meet the scale of unmet demand for affordable rental housing in Australia. This research is concerned with how to encourage institutional investment in rental housing, especially to increase the supply of dwellings affordable to moderate and low income households? Achieving this goal will require a policy framework that nurtures the development of rental housing as a new asset class that meets investors' requirements for yield, scale and liquidity.

The project is being conducted using an Investigative Panel method supported by interviews with key informants and desk top research. The panel of 23 members includes hand-picked experts from the banking and financial investment sectors, affordable housing providers (for-profit and not-for-profit) and affordable housing industry specialists, together with nominated senior officials from Commonwealth and state government agencies. Panellists met in Sydney on two occasions over 2½ days in late 2012 to discuss their viewpoints and reach their conclusions.

Led by Associate Prof. Vivienne Milligan. The research team also includes Prof. Hal Pawson, Dr Ilan Vizel and Dr Shanaka Herath from City Futures, along with Associate Prof. Judith Yates (University of Sydney) and a housing finance expert Carrie Hamilton.

Commenced in 2012 the project will be published due to report in early 2013.

For more information regarding this project, please visit:

<http://www.ahuri.edu.au/publications/projects/p71016>

### **Salvation Army Affordable Housing Strategy**

City Futures was commissioned to advise the Salvation Army on developing an affordable housing strategy. Working with Carrie Hamilton, the team's report is to encompass the development, financing and management of affordable housing in Sydney. Project fieldwork aims to identify transferrable lessons from development and provision of rental housing for formerly homeless people in Brisbane and Melbourne.

## HEALTHY BUILT ENVIRONMENTS PROGRAM - PROJECTS ONGOING AT END OF 2012

Project Name	Funded by	Start	Total Funds
ARC LP100100804: Planning and Building Healthy Communities: A Multidisciplinary Longitudinal Study of the Relationship Between the Built Environment and Human Health	ARC	2011 (Awarded 2010)	\$354,897
Healthy Built Environments Program (core funding)	NSW Health	2009	\$1,500,000

### ARC LP100100804: Planning and Building Healthy Communities: A Multidisciplinary Longitudinal Study of the Relationship Between the Built Environment and Human Health

This project examines how urban environments support health. Tracking residents' behaviours over a long time, the study fills a gap in current knowledge about how urban environments manage and promote good health (a national research priority area). It will identify the design features, social interventions and locational qualities in selected sites which positively benefit human health. The research will describe the likely health outcomes for future Australians living in areas with similar characteristics. It will also strengthen multidisciplinary approaches and policy development in this area by bringing together a team from urban planning, development and health.

Major achievements in the ARC Linkage project for the year included:

- Recruitment of a full time Research Officer Ms Emily Mitchell
- Establishment of a management committee and regular meetings
- Development of a comprehensive 'Healthy Neighbourhoods Audit' Instrument which has been trialled on the various case study sites enabling further refinement of the audit instrument
- Substantial progress on a literature review for the project
- Engagement of BE PhD student Mr Ji Yu to provide GIS expertise, as well as assisting with data collection and mapping for the case study sites
- Engagement of Dr Roy Byun of the NSW Health partner to assist in undertaking audits for Victoria Park and Rouse Hill, as well as contributing health data for the project
- Engagement of project partners in site visits.



## **Healthy Built Environments Program**

Funded by NSW Health

The Healthy Built Environments Program (HBEP) is an innovative collaboration that brings the built environment and health together. The Program is situated in the City Futures Research Centre and receives its core funding from the NSW Department of Health. Increasingly the health sector is focusing on prevention and to be effective, health professionals need to work in collaboration with other professional groups, especially those from the built environment. The Healthy Built Environments Program is contributing to revitalising the relationship between the built environment and health professions.

### **Healthy Built Environments Program Vision Statement**

The Healthy Built Environments Program vision is that built environments will be planned, designed, developed and managed to promote and protect health for all people.

### **Healthy Built Environments Program Strategy**

The Healthy Built Environments Program strategy aims to support the development in NSW of current and future communities in which the built environment promotes good health for all. This is done through the Healthy Built Environments Program's three identified core strategies as follows.

**Research** – the HBEP fosters interdisciplinary research which is policy relevant. A literature review has been conducted to identify gaps in current knowledge. This has enabled the development of a research strategy to prioritise policy relevant healthy built environments research.

**Leadership and Advocacy** – the HBEP is advocating for closer links between health and the built environment. This advocacy involves government and non-government agencies, the private sector and the community. There has been an emphasis on education through scholarly publications disseminating the latest research, professional journals, popular media articles, talks and events.

**Education and Workforce Development** – the HBEP aims to deliver innovative, cross disciplinary education and capacity building. An audit of practices in NSW Health has been conducted so that appropriate strategies for education and partnership building across the health and built environment sectors can be determined. Educational approaches also build on the Faculty of the Built Environment's 'Healthy Planning' and 'Healthy Built Environments' courses. Doctoral research students are engaged in significant projects.

**Governance and Administrative Activities** underpin the three core strategies of the Healthy Built Environments Program.

### **Healthy Built Environments Further Information**

Further information on the Healthy Built Environments Program can be obtained by visiting the Program's website: <http://www.be.unsw.edu.au/programmes/healthy-built-environments-program/about>

## ENABLING BUILT ENVIRONMENTS PROGRAM - PROJECTS COMPLETED DURING 2012

Project Name	Funded by	Start	Total Funds
Home Modification Information Clearinghouse, University of New South Wales, Recurrent research annual funding	ADHC	2008	\$210,000
Home Modification Information Clearinghouse, University of New South Wales, Non-recurrent research funding	ADHC	2010	\$417,311

### Home Modification Information Clearinghouse, University of New South Wales, Non-recurrent research funding

This project covered the specific publications as defined by the funding agreement of that year.

- \$85,000 was allocated to investigate the evidence based practice deliverable “Investigating bridging and earth berming as a level access solution.”
- \$200,000 was allocated to “Research and develop approaches to post home modification follow up on the completion of minor modifications by allied health professional”.
- \$132, 311 was allocated to conduct a user appraisal of the contribution of environmental factors on the independence and well-being of older people in three regional town centres. The aim of this study is to obtain a clear understanding of what aspects of the built environment are valued and function well for older persons and what features restrict their access and diminish their wellbeing.



## ENABLING BUILT ENVIRONMENTS PROGRAM - PROJECTS ONGOING AT END OF 2012

Project Name	Funded by	Start	Total Funds
ARC LP120100395: Livable bathrooms for older people: Designing out dependence in activities of daily living	ARC	2012	\$446,000
ARC LP120100395: Livable bathrooms for older people: Designing out dependence in activities of daily living	Caroma Industries Ltd	2012	\$300,000
Home Modification Information Clearinghouse, University of New South Wales, Recurrent research annual funding	ADHC	2012	\$51,115
Home & Community Care, Recurrent research annual funding	DoHA	2012	\$171,123

### **ARC LP120100395: Liveable bathrooms for older people: Designing out dependence in activities of daily living**

Current bathroom environments may not support the functional performance of older people and the assistive technologies helpful for bathing are under-developed and underutilised among older people living at home. A lack of knowledge about bathing environments, uncertainty about the design preferences of older people, lack of basic human factors data, design guides and standards without adequate validation process, and reports of design practice not based on empirical evidence are hallmarks of current bathroom design research. As part of a collaboration with GWA the largest single supplier of Australian sanitary ware, this research will assist in incorporating human factor and computational knowledge obtained in partnership with older people.

This 3 year ARC Linkage project will be undertaken in partnership with Caroma Industries.

For more information regarding this project, please visit project website:

<http://www.be.unsw.edu.au/enabling-built-environments-program/projects/livable-bathrooms-older-people-designing-out-dependence>

### **Home Modification Information Clearinghouse, University of New South Wales, Recurrent research annual funding**

This project seeks to maintain the ongoing work of the HMICH by maintenance of the website, and of key research and administration positions. The objectives are to:

- Build information and knowledge capacity within the residential construction sector in order to improve standard home design and to provide evidence for the effectiveness of special features to better the living environments of aged and/or people with disabilities, and their carers.
- Integrate diverse knowledge and cross-disciplinary research.
- Develop a leading edge Home Modification Information Clearinghouse that will be accessible to the full range of industry and consumer target groups.



- Facilitate home and community care outcomes, focusing on home modification across NSW.
- Promote innovative housing models for older people and people with disabilities within the building and development industry.
- Develop Factsheets detailing best practice principles for assessment and the setting of priorities for the home modification services.
- Promote the benefits and products of home modification and adaptable housing to the broader community through mainstream media.
- Share information at International, National, State and Regional industry forums and liaise with peak regional providers and consumers.
- Ensure that there are effective links between home modification service providers and consumers.

## SUSTAINABILITY AND CLIMATE CHANGE ADAPTATION - PROJECTS COMPLETED AT END OF 2012

Project Name	Funded by	Start	Total Funds
Australian Climate Change Adaptation Research Network for Settlements and Infrastructure (ACCARNSI)	Australian Government Department of Climate Change	2009	\$144,000

### Australian Climate Change Adaptation Research Network for Settlements and Infrastructure (ACCARNSI)

The Australian Climate Change Adaptation Research Network for Settlements and Infrastructure is based in the School of Civil and Environmental Engineering, part of the National Climate Change Adaptation Research Facility hosted by Griffith University. The aim is to lead the research community in a national interdisciplinary effort to generate the information needed by decision-makers in government and in vulnerable sectors and communities to manage the risks of climate change impacts and choose appropriate adaptation strategies.

Prof Bill Randolph co-led the bid that brought the Network for Settlements and Infrastructure to UNSW in 2008. The Centre hosts the Built Environment Node of the Network and during 2011 Professor Michael Neuman took over the leadership of this Node from Dr. Peter Graham. The Built Environment Node focuses on the impacts of climate change on building and facility design and construction to explore the social, economic and institutional implications of climate change impacts, and the resulting implications for planning, design and management of Australian settlements and infrastructure.

The Node co-hosted a one-day conference in July of 2011 with the Sydney Coastal Councils Group, an organization of 14 coastal municipalities in the Sydney metro region, titled Building for Sustainability Forum, in which Professors Randolph, Weirick, and Neuman gave keynote presentations to open the day.

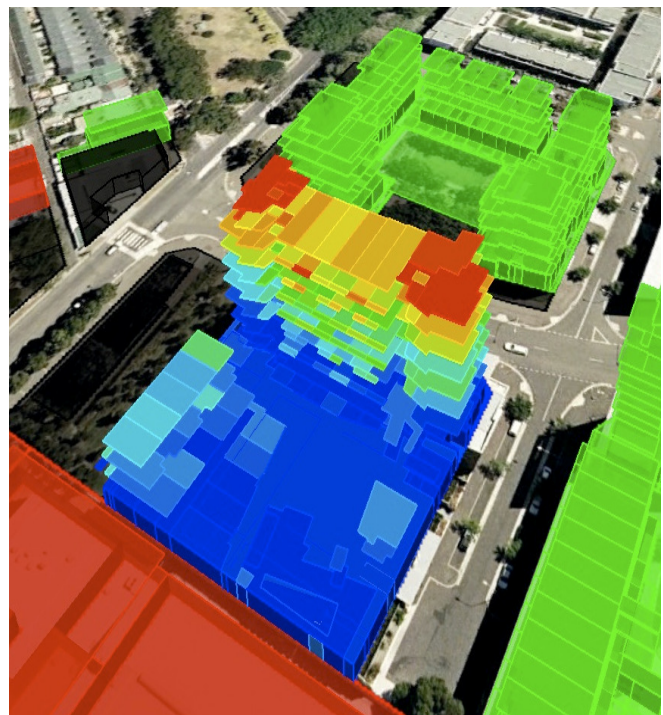
In 2012 Professor Neuman along with Built Environment researchers and HDR students Tracie Harvison, Aida Afrooz, Erica Tineo and Dr. Sandra Schuster delivered two reports on Climate Change Adaptation in the built environment to the NSW Premier's Office of Environment and Heritage. These contract research reports are titled *Climate Change Adaptation: Buildings and Neighbourhoods* and *Climate Change Adaptation Research Review: Settlements and Communities*.

The NCCARF initiative funds a half time appointment to support the activities of the Node. We have just appointed Dr. Araz Taeihagh (PhD, Oxford) as a Research Associate to work with this node.

For more information regarding this project, please visit the project website:

<http://www.be.unsw.edu.au/sustainability-and-climate-change-adaptation/projects/australian-climate-change-adaptation-research>

# 6



## DISSEMINATION: PUBLICATIONS AND PRESENTATIONS

# 6

## DISSEMINATION: PUBLICATIONS AND PRESENTATIONS

### REFEREED PUBLICATIONS

#### BOOKS

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Easthope, H. (2012). Apartment Living Report *Rise and Shine: The Future of Strata in the City*. Sydney (City of Sydney Public Tal), March.

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Easthope, H. (2012). Governing the Compact City *Governing the Compact City Final Report Launch*. Sydney, May.

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Easthope, H. (2012). Personalities and Processes *Strata Vision: Looking to the Future Strata Community Australia (NSW) Convention*. Sydney.

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Easthope, H. (2012). Understanding Strata Owners *2nd Annual Apartment Planning & Design Summit*. Melbourne.

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Easthope, H. (2012). Where Processes Meet Personalities *SCA (Victoria) Symposium*. Melbourne.

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Gebel, K. (2012). Neighbourhood walkability, income and physical activity: Moderating effects of gender *4th International Congress on Physical Activity and Public Health*. Sydney, 31 October - 3 November.

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Judd, B. (2012). Community Participation, Neighbourhood Design and Ageing in Place: An Australian Perspective *UD 2012 Conference*. Oslo, 11-13 June.

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Judd, B. (2012). Size Matters: Space Utilisation and Downsizing Amongst Older Australians *7th National Housing Conference*. Brisbane, 30 October- 2nd November.

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Judd, B., Harvison, T., & Newman, R. (2012). Compounding Vulnerability: Population Ageing, Climate Change Adaptation and the Built Environment *IFA 11th Global Conference on Ageing*. 28 May-1 June.

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Judd, B., Kay, M., Bridge, C., & Adams, T. (2012). Ageing, the Built Environment and Liveability in an Extreme Climate Symposium Session *IFA 11th Global Conference on Ageing*. 28 May-1 June.

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Liu, E. (2012). Long term impacts of migration on housing consumption: a case study of Sydney, Australia 1981-2006 *European Network for Housing Research Conference*. Lillehammer, Norway, 24-27 June.

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McKenzie, L. (2012). Thermal Stress, Outdoor Public Space Use and Microclimate Adaptation – a Western Sydney Case Study *Population Health Congress*. Adelaide, 9-12 September.

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Milligan, V. (2012). Australia's not-for-profit affordable housing sector: framing the future *PowerHousing Conference*. Sydney, 14 March.

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Milligan, V. (2012). The genesis of community housing in NSW *Women's Housing Company Annual General Meeting and 30 year anniversary*. 30 November.

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Milligan, V. (2012). Organisational perspectives on the strategic directions of leading community housing providers *Strategic Stewardship Industry Seminar*. Registrar of Community Housing NSW 13 December.

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Milligan, V. (2012). The positioning of leading third sector housing organisations in Australia: what they have told us *3rd National Community Housing Exchange*. Community Housing Federation of Australia, Sydney, 26 July.

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Millikan, L., & Bridge, C. (2012). The consequence of inappropriate housing options for high level disability- stay in the frying pan or jump into the fire *6th Australasian Housing Researchers' Conference*. Adelaide, 8-10 February.

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Neuman, M. (2012). Design, Not Density for Urban Sustainability and Quality *AIA (Australia) President's Luncheon*. October.

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Neuman, M. (2012). Good City Process. Cambridge University, Cambridge, England, November.

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Neuman, M. (2012). Good City Process. Oxford University, Oxford, England, November.

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Neuman, M. (2012). Good City Process. University College London, London, England, November.

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Neuman, M. (2012). Good City Process. University of Matera, Italy, June.

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Neuman, M. (2012). Good City Process. University of Naples Federico II, Italy, June.

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Neuman, M. (2012). Governance and the 21st Century Mega-city Region. University of Florence, Italy, June.

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Neuman, M. (2012). Infrastructure Networks and Good City Process *CIES Symposium on Sustainability in Civil Infrastructure*. Sydney, Australia, October.

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Neuman, M. (2012). Sticks and Stones Will Make My Bones: Durability and Design *Annual Paul Reid Lecture in Urban Design*. University of New South Wales, Sydney, Australia, March 14.

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Neuman, M. (2012). The Evolution of Cities: Can Cities Truly be Sustainable? University of Canberra, Australia, October.

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Neuman, M., Harvison, T., & Afroz, A. (2012). Climate Change Adaptation for Buildings and Neighbourhoods *Towards a Resilient Sydney Seminar*. NSW Office of Environment and Heritage, Sydney, Australia, December.

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Neuman, M., Schuster, S., & Tinio, E. (2012). Climate Change Adaptation for Settlements and Communities *Towards a Resilient Sydney Seminar*. NSW Office of Environment and Heritage, Sydney, Australia, December 2012.

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Pawson, H. (2012). The Changing Scale and Role of Private Renting in the UK and Australia *ENHR private rental working group*. Oxford.

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Pawson, H., & Gilmour, T. (2012). A democratic deficit in Australia's social housing? An analysis of tenant participation in governance *National Housing Conference*. Brisbane, 1 November.

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Pawson, H., & Gilmour, T. (2012). Australia's democratic deficit? An international comparison of tenant involvement in social housing governance *6th Australasian Housing Researchers' Conference*. Adelaide, 8-10 February.

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Pinnegar, S. (2012). Understanding housing demand through household surveys: an effective means of capturing short - and long term dynamics within our metropolitan cities? *6th Australasian Housing Researchers' Conference*. Adelaide, 8-10 February.

---

Taeihagh, A. (2012). Policy Formulation and Analysis on the Interface of Socio-Technical Systems *8th ECR National Forum & Workshop of Australian Climate Change Adaptation Research Network for Settlements and Infrastructure*. Griffith University, Gold Coast, QLD, Australia, 26-28 November.

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Thompson, S. (2012). Developing a Comprehensive Healthy Neighbourhood Audit for Urban Planners *10th International Urban Planning and Environment Symposium*. Sydney, 24-27 July.

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Thompson, S. (2012). Evidence Based Policy and Practice for Healthy Built Environments: The Three Domains *5th Making Cities Liveable Conference*. Geelong, 6-8 June.

---

Thompson, S. (2012). The Healthy Built Environments Program: An Interdisciplinary and Connected Way-of-Working *49th International Making Cities Livable Conference on True Urbanism: Planning Healthy Communities for All*. Portland, Oregon, 20-24 May.

---

Thompson, S. (2012). Healthy Built Environments: Supporting Everyday Occupations *6th Australasian Occupational Science Symposium*. Canberra, 6-7 December.

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Wiesel, I. (2012). How sustainable are Australia's contemporary affordable housing projects? *Improving housing outcomes for low-income households*. Hobart, 14 June.

---

Wiesel, I. (2012). Pathways and choice in a diversifying social housing system *The changing structure of housing markets*. Sydney, 19 June.

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### **OTHER RELEVANT PUBLICATIONS**

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Capon, A. G., & Thompson, S. M. (2012). Healthy Built Environments @ Rio + 20 *New Planner* (p. 13).

---

Capon, A. G., & Thompson, S. M. (2012). Our habitat, our habits, and our health *Diabetes Connect* (pp. 12-13).

---

Freestone, R., & Jensen, R. (2012). Global Airport Region Research Survey: Digest of Response *Research Paper No. 12*.

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Gebel, K., & Capon, A. G. (2012). Health and Sustainability: Co-benefits for Health from Action on Climate Change *New Planner* (pp. 14-15).

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McCue, P., & Thompson, S. M. (2012). Healthy Planning in NSW: Key Resources for Effective Policy Making and Practice *New Planner* (pp. 10-13).

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Millikan, L. (2012). Arranging home modifications in NSW - Consumer Factsheet [www.homemods.info](http://www.homemods.info). UNSW.

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Millikan, L. (2012). Managing water in the bathroom - Consumer Factsheet [www.homemods.info](http://www.homemods.info). UNSW.

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Pinnegar, S., & Randolph, B. (2012). Renewing the West: Prospects for urban regeneration in Sydney's western suburbs *Research Paper No. 13*.

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Thompson, S. M., & Capon, A. G. (2012). Designing for Health: Knowledge and Resources for Built Environment Professionals *Landscape Architecture Australia* (p. 26).

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Thompson, S. M., & Capon, A. G. (2012). Healthy Built Environments: From Rhetoric to Reality: Mind the Gaps! *New Planner* (pp. 21).

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Thompson, S. M., & Capon, A. G. (2012). Putting Children First *New Planner* (pp. 22-23).

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Thompson, S. M., & Harris, P. J. (2012). Editorial *New Planner* (p. 4).

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Wheeler, A. (2012). The life and death of the Australian backyard *Urban Morphology* (Vol. 16, pp. 173-174).

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# 7



## CONFERENCES AND SEMINARS

# 7 CONFERENCES AND SEMINARS

## 2012 BUILT ENVIRONMENT RESEARCH SEMINAR SERIES

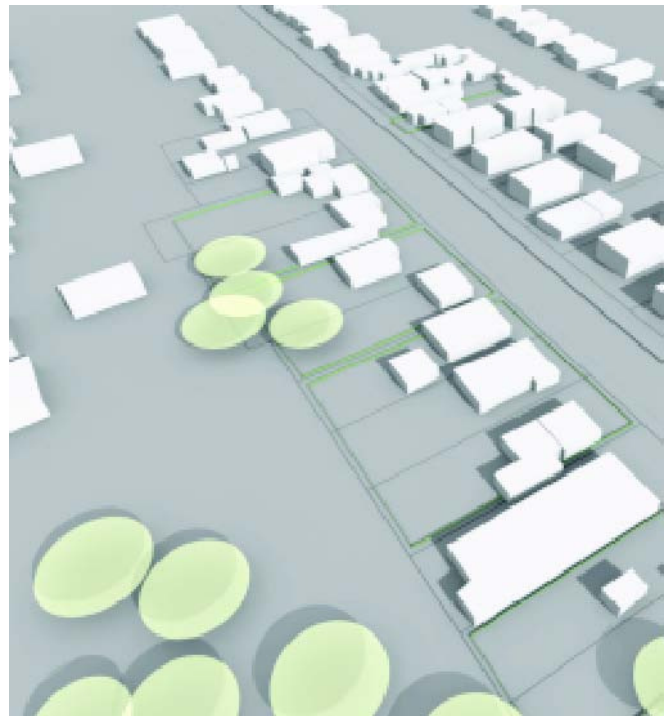
City Futures takes a leading role in organising the Seminar series as part of the Centre's growing integration with the Faculty.

The seminar series aims to provide a forum for researchers to present and discuss new and ongoing research, and to identify possible areas of collaboration with Faculty and University colleagues.

The 2012 research seminar series consisted of 11 individual lunch time seminars:

Date	Speaker	Topic
<b>Semester 1 2012</b>		
29 February	<b>Prof Paul Lawless</b> , Sheffield–Hallam University, UK	<i>'Urban Regeneration in the UK: is there a future?'</i>
15 March	<b>Prof Deo Prasad</b> , Built Environment, UNSW	<i>'Researching Low Carbon Living'</i>
19 March	<b>Prof Peter Williams</b> , University of Cambridge, UK	<i>'Institutional investment in housing; searching for the holy grail'</i>
24 April	<b>Prof Suzanne Fitzpatrick</b> , Heriot-Watt University, Edinburgh	<i>'Housing First in Europe'</i>
<b>Semester 2 2012</b>		
1 August	<b>Prof Bill Randolph</b> , City Futures, Built Environment, UNSW	<i>'Suburbanising Disadvantage in Australian Cities: Housing Markets and Social Change in an Era of Neo-Liberalism'</i>
17 August	<b>Prof George Galster</b> , Wayne State Uni, Detroit, USA	<i>'Neighbourhood Social Mix: Right Diagnosis; Wrong Prescription?'</i>
29 August	<b>Prof Christine Whitehead</b> , London School of Economics	<i>'Comparative Studies of the Private Rental Housing in Europe'</i>
12 September	<b>Dr Bruno Parolin</b> , formerly UNSW	<i>'Economic impacts of town bypasses - is there life after a bypass?'</i>
26 September	<b>Dr Jenny Muir</b> , Queens Uni, Belfast	<i>'The 'competitive waterfront' in the neoliberal city'</i>
10 October	<b>Dr Alasdair Jones</b> , Hertfordshire Uni	<i>'Sustainable by design, sustainable in practice? Comparing living practices in 'eco-developments'</i>
21 November	<b>David Lilley</b> , Dept of Finance & Services, NSW Gov	<i>'Place making as a response to concentrations of disadvantage'</i>

# 8



## TEACHING AND SUPERVISION

# 8

## TEACHING AND SUPERVISION

While City Futures is first and foremost a research centre, many members of the team contribute to teaching and supervision in the Faculty. As research becomes increasingly integrated with teaching across the disciplines in the Faculty, our skills, resources and wealth of research material, as well as ongoing research opportunities will provide an excellent platform.

City Futures staff coordinated the following four courses in 2012:

### **PLAN 7122 Planning Project**

Course coordinator: A/Prof Simon Pinnegar

The aim of this course is to coach students through the process of conducting an independent research project, so as to provide insight into how research is scoped, negotiated and applied in professional practice. The course involves the production of a minor dissertation on a topic of the students' choice. It seeks to provide students with the opportunity to conduct applied research into an area of personal interest in planning and/or relevance to planning practice. Students gain an understanding of the conceptual, methodological, and technical bases for the development and delivery of research projects. Each student is personally supervised by an academic staff member of the Faculty. The principal output of the course is a research paper of 8,000-10,000 words in length.

### **BENV7723/BENV4121 Spatial Policy**

Course coordinator: A/Prof Simon Pinnegar

Spatial policy is a core course on the MPLAN and elective for senior students across the Faculty. The main aim of the course is to familiarise students with the key elements of spatial planning and spatial policy, particularly at the metropolitan scale, in its varying economic, social and environmental dimensions. It seeks to create an appreciation of the complex forces which operate in or impinge upon the 'planning system' – as broadly defined – and which in turn effect and regulate urban development possibilities particularly at the regional and metropolitan levels. The issues covered during the semester aim to provoke students to delve into, and question, how challenges and opportunities facing metropolitan and regional areas are framed.

### **BENV7712 Healthy Built Environments**

Course coordinator: A/Prof Susan Thompson

Healthy Built Environments is a post graduate elective that focuses on the role of the built environment in supporting healthy behaviour for diverse communities. The course examines the ways in which health and built environment professionals are collaboratively addressing the epidemic of chronic disease associated with sedentary and socially isolated urban living. Current research, legislative and policy frameworks, together with best practice from Australia and abroad, are critically evaluated. The challenges of inter-disciplinary research, policy development and implementation are considered. This course is specifically designed for students undertaking post graduate studies in built environment and health and is closely aligned to the Healthy Built Environments Program at the City Futures Research Centre. Classes involve a mixture of lectures, participant discussion and critical review, hands-on experience with different tools, and a group presentation and debate.





Students in the field at a neighbourhood sustainability street in Dulwich Hill, Wilga Avenue, which showcases community involvement in edible plantings in an urban setting.

### **BENV2949 Healthy Planning**

Course coordinator: A/Prof Susan Thompson

Healthy Planning is an inter-disciplinary elective for senior students studying to be built environment and health professionals. The course focuses on the ways in which built, natural and socio-cultural environments inhibit on the one hand, and on the other, can enhance and sustain the physical and psychological health of contemporary communities. The course explores the relationship between the urban environment and current health issues facing modern society - particularly lifestyle related health problems such as obesity and depression. Research and theoretical issues which draw planning and health together are discussed using specific case studies. Sessions involve a mixture of lectures, participant discussion, presentations and strategic engagement with healthy planning tools.



Students inspecting the walkability of the UNSW campus with A/Professor Thompson and guest lecturer Gisele Mesnage and her guide dog D'artagnan.

## SUPERVISION OF PHD STUDENTS

Name of Student	Topic	Supervisor
Samira Abbasalipour	Approaching Shopping Centres: The Successful Interface between Shopping Centres and Surrounding Urban Space	Dr Bruce Judd & Dr Gethin Davison*
Toni Adams	Older People's Experiences of Strata Title Living	A/Prof Catherine Bridge & Dr Hazel Easthope
Aida Afrooz	The Influence of Travel Mode on the Way-finding Process: A Case Study of Newcomers in Sydney	Prof Michael Neuman
Wenji Cai	Housing Affordability in Wuhan: A Comparative Study	Prof Bill Randolph & Dr Vivienne Milligan*
Laura Crommelin	Branding the Broken City: A Study of how City Branding has Shaped the Recovering Cities of Detroit and Newcastle	A/Prof Simon Pinnegar & Prof Rob Freestone#
Tinalee Gallico	Beyond Sustainable Development; Governance & Community for Ecologically Positive Regeneration	A/Prof Simon Pinnegar & Prof Bill Randolph*
Shane Geha	Development of an Empirical Model for the Quantification of the Rezoning Effect	Peter Williams & Prof Bill Randolph*
Tracie Harvison	Universities and Positive Ageing: Emerging Modes of Engagement for an Ageing Society	Dr Bruce Judd & Dr Christine Steinmetz*
Helen Kendall	Integrated Landscapes for Ageing Well in the Urban Environment: an Australian Perspective	A/Prof Susan Thompson & A/Prof Linda Corkery#
Jennifer Kent	Commuting using Cycling to Access Public Transport – Benefit, Barriers and the Built Environment	A/Prof Susan Thompson & A/Prof Simon Pinnegar#
Lydia Kirkoff	Creative Industries and the City: Case study Auckland, NZ	Prof Bill Randolph & Prof Rob Freestone*
Shirley Lithgow	Community Engagement in Planning	Prof Jenny Stewart (ADFA) & A/Prof Susan Thompson
Louise McKenzie	Climate, Public Space and Public Health: the Influence of Heat on Public Space use and Implications for Public Health	A/Prof Susan Thompson & Dr Robert Samuels#
Anumitra Mirti Chand	Hospital Facility Resilience: Developing an Adaptation Framework for Extreme Weather Events	A/Prof Susan Thompson & Prof Martin Loosemore #
Parisa Paksad	Green Infrastructure and the Built Environment	Prof Michael Neuman

Bernadette Pinnell (APAI)	Establishing an Evaluation Framework to Measure the Impact of Public Housing Estate Renewal in NSW on the areas Surrounding the Estate; using GIS as a Tool for Communicating the Impact of the Regeneration	Prof Bill Randolph & A/Prof Simon Pinnegar*
Joanne Quinn	Design of the Home Environment for the Ageing Population	Dr Oya Demirbilek & A/Prof Bruce Judd*
Gary Shiels	Planning for Ageing: A Healthy Lifestyle And Built Environment	A/Prof Susan Thompson & Prof Bill Randolph A/Prof Catherine Bridge*
Bo Song	The Impact of The GFC on the Housing Supply Industry Chain in Sydney	Prof Bill Randolph & Christine Steinmetz
Andrew Tice	The Role and Function of Lower Value Housing Markets	Prof Bill Randolph & A/Prof Simon Pinnegar#
Ryan van den Nouwelant	Place Management and Conflict Mediation in Mixed-Use Neighbourhoods: the Case of Kings Cross, Sydney	Dr Gethin Davison & Dr Christine Steinmetz#
Jing Xie	Mixed-Use Communities	Prof Xing Ruan & A/Prof Simon Pinnegar*
Jason Yi-Kai Chuang	Healing Landscapes for those with Spinal Cord Injury	A/Prof Linda Corkery & A/Prof Catherine Bridge*

#Joint Supervisor; \*Co-Supervisor

## SUPERVISION OF MASTERS BY RESEARCH STUDENTS

Name of Student	Topic	Supervisor
Sarah Judd	Housing Outcomes of Chinese International Students and the Influence of Housing Pathways	Dr Hazel Easthope & Dr Christine Steinmetz
Sarath Matararachchi	Urban Form and Sustainable Urban Development: The Impact of the Proposed Krrish Square Project on the Urban Form of Colombo, Sri Lanka.	Prof Michael Neuman

\* Co-Supervisor

## SUPERVISION OF MPHIL STUDENTS

Name of Student	Topic	Supervisor
Clinton Yambuka	Retrofitting Residential Strata Buildings	Dr Hazel Easthope, Prof Deo Prasad & Prof Alec Tzannes

## SUPERVISION OF BACHELOR OF PLANNING STUDENTS

Name of Student	Topic	Supervisor
Michael Oliver	Decentralised Energy Development In Sydney	Prof Michael Neuman

## TEACHING

### A/Prof Catherine Bridge

Session 1:

- IDES2161 - Industrial Design Studio 2A: Lecture on liveable bathroom design.
- PLAN1011 Urban Society: Guest lecture on Social Cohesion and Social Inclusion.

Session 2:

- ARCH7111: Design Studio 1: Studio on Inclusive Design

### Dr Hazel Easthope

Session 1:

- BENV2986 Property and Asset Management: Guest Lecture
- PLAN7122 Planning Project: Thesis supervision and marking

Session 2:

- PLAN4132 Thesis Project: Thesis marking

- GEOG Honours: Thesis marking
- PLAN7122 Planning Project: Thesis supervision and marking

Summer Term:

- GEOS3641 Regional Australia: Guest lecture

### **Prof Michael Neuman**

Session 1:

- UDES0004 History and Theory of Urban Design course convenor
- SUSD0001 Sustainable Development and the Urban Environment course convenor

Session 2:

- BENV7732 - Sustainable Infrastructure course convenor

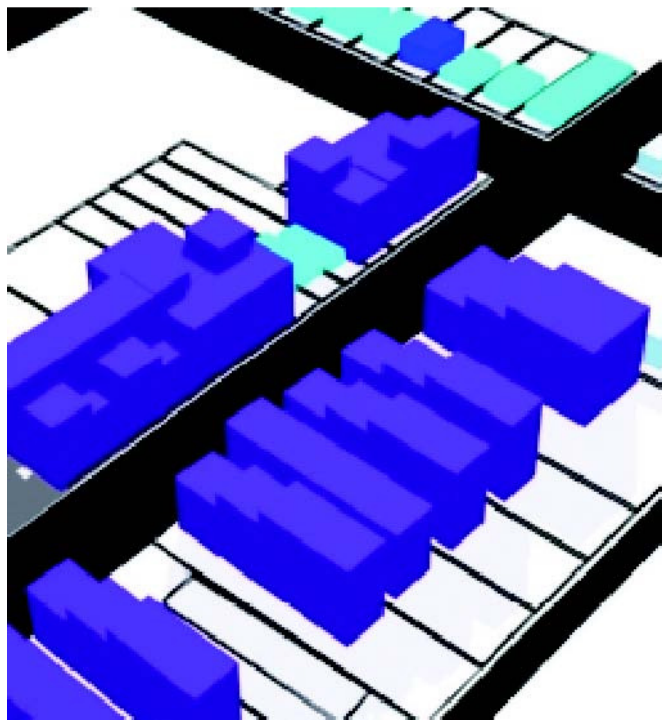
### **A/Prof Susan Thompson**

Session 1:

- BENV2949: Healthy Planning

Session 2:

- BENV7712: Healthy Built Environments



# 9

## STATEMENT OF FINANCIAL PERFORMANCE

# 9 STATEMENT OF FINANCIAL PERFORMANCE

## TOTAL (CityFutures, HBEP & HMINFO)

1 Jan to 31 Dec		2012	2011
		\$	\$
<b>Funds</b>			
	Research Revenue	1,760,782	1,968,808
	Faculty Operating Funds	49,790	99,019
	UNSW Strategic Funds	322,317	378,113
<b>Total Funds</b>		<b>2,132,889</b>	<b>2,445,940</b>
<b>Costs</b>			
	People Costs	1,682,347	1,636,287
	Scholarship Stipends	74,490	76,204
	Contract & Consulting Services	139,386	139,297
	Repairs and Maintenance	0	5,929
	Consumables	34,602	-224,473
	Travel	114,446	132,403
	Equipment	9,104	14,365
	Other Expenses	144,958	193,449
	Contract Research Ahead	58,857	245,822
	Internal Expense	97,860	-25,690
<b>Total Costs</b>		<b>2,356,051</b>	<b>2,193,594</b>
<b>Operating result</b>		<b>-223,162</b>	<b>252,347</b>
<b>Opening Balance</b>		<b>1,491,505</b>	<b>1,251,446</b>
<b>Adjustments</b>		0	-12,287
<b>Closing Balance</b>		<b>1,268,343</b>	<b>1,491,505</b>
	* Excludes debtors (unpaid invoices)	67,166	217,846

## STATEMENT OF IN-KIND CONTRIBUTIONS

Faculty of Built Environment is supporting City Futures Research Centre by underpinning Prof Randolph and A/Prof Catherine Bridge salary costs. The Faculty also contributed 50% towards A/Prof Susan Thompson and 20% of Dr Simon Pinnegar's salary.

City Futures Research Centre is occupying offices on levels three in the Red Centre (west wing) at the University of New South Wales. The Centre does also receive in-kind contributions from the Faculty in the form of support from IT and Finance staff.