

UC Research Repository update, April 2011

Unsurprisingly, the headline figures for the first quarter of 2011 are rather subdued. A quick glance at the tables below shows limited growth in all subject areas, although there have been several new additions from the College of Science and Civil Engineering, in particular, relating the seismic events in September and February. It was gratifying to see that some contributions were made in the second week after the February 22nd earthquake, despite the lack of access most of us had to our normal spaces and places. Visits to new researchers have also been temporarily postponed, but will hopefully resume once accommodation constraints ease.

Notable developments during the first quarter of this year include the ever changing copyright environment for institutional repositories, and our recent membership of CAIRSS (the Council of Australian University Libraries Australasian Institutional Repository Support Service). One of the responsibilities undertaken by the Repository staff is to check the copyright status for all material deposited in the Repository. Copyright transfer agreements have steadily been relaxed by publishers to allow institutions to make their research freely available. However, some publishers, most notably the IEEE, have tightened their policies, and their authors' rights have been curtailed slightly. The Repository staff actively monitor the copyright environment, in order to ensure that material is made freely available, without impacting on the crucial relationship between researchers and publishers. CAIRSS is a resource that allows us to tap into a great wealth of information regarding copyright, technical infrastructure and repository best practice. It is interesting to note that most Australian institutional repositories are now taking an active role in dataset curation, with support from the Federal Government.

As always, we invite new and established researchers to deposit their work with us. The UC Research Repository is fully compliant with publisher copyright, and we are happy to provide training and advice to individuals or groups. If you'd like more information on any aspect of the Repository, and how it works, contact the Repository Coordinator (grant.barrie@canterbury.ac.nz). Researchers can also get individual assistance from their department's Information Librarian.

Updates for individual Colleges are also prepared on a quarterly basis and are disseminated to managers within each College. Comprehensive figures for the Repository – by author, Department or item - can be viewed by all staff at the following location, at any time via the Repository FAQ:

<http://wiki.canterbury.ac.nz/display/LIBRARY/UC+Research+Repository#UCResearchRepository-Statistics>

Regards,

Grant

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Repository Statistics

Research outputs for all Colleges to 1 April 2011

	Authors	~ Q4 2010	Items	~ Q4 2010	Total Downloads	2011 Downloads
Arts	30	30	110	109	16,688	4,615
Business and Economics	51	50	198	192	22,568	6,930
Education	52	49	183	1147	21,005	4,679
Engineering	309	303	1739	1690	348,015	76,092
Science	115	107	312	298	53,343	11,925
School of Law	20	20	91	91	10,222	3,374

Source: http://webservices.libr.canterbury.ac.nz/institutional_repository/stats_colleges.php

Ten top contributors from across the University

Author	Items	Downloads
Chase, Geoff	247	45,502
Dhakal, Rajesh	127	26,393
Hann, Christopher Eric	126	19,425
Bodger, Pat	80	24,720
Mitrovic, Tanja	73	8,488
Smith, Peter Jeffry	68	8,959
Pampanin, Stefano	66	38,581
Billinghurst, Mark	64	10,028
Bradley, Brendon	59	7,095
Semple, Charles Alexander	51	2,050

Source: http://webservices.libr.canterbury.ac.nz/institutional_repository/stats_all_authors.php

Top ten contributors from across the University by **downloads during 2011**

Author	Items	Downloads
Chase, Geoff	247	8,344
Bodger, Pat	80	5,975
Pampanin, Stefano	66	5,626
Dhakal, Rajesh	127	5,175
Hann, Christopher Eric	126	3,621
Billinghurst, Mark	64	2,613
Smith, Peter Jeffry	68	2,084
Bradley, Brendon	59	1,776
Mitrovic, Tanja	73	1,762
Semple, Charles Alexander	51	577

Source: http://webservices.lib.canterbury.ac.nz/institutional_repository/stats_all_authors.php

Top 10 downloaded papers from across the University for 2011

Output	Downloads	Date added
Bell, S.C., Bodger, P.S. (2007) Power Transformer Design Using Magnetic Circuit Theory and Finite Element Analysis - A Comparison of Techniques . Perth, Australia: Australasian Universities Power Engineering Conference (AUPEC) 2007, 9-12 Dec 2007. Proceedings of the Australasian Universities Power Engineering Conference (AUPEC) 2007, 6pp. 1133	1,112	Sep 2008
Cubrinovski, M., Ishihara, K. (2001) Correlation between penetration resistance and relative density of sandy soils . Istanbul, Turkey: 15th International Conference on Soil Mechanics and Geotechnical Engineering, 27-31 Aug 2001. 393-396. 2407	977	Feb 2009
Li, X., Duke, R. and Round, S. (1999) Development of a three-phase three-level inverter for an electric vehicle . Darwin, Australia: Australasian Universities Power Engineering Conference, 1999. 247--251. 1872	634	Sep 2008
Begg, L., Liu, W., Pawlikowski, S., Perera, S., Sirisena, H. (2006) Survey of simulators of Next Generation Networks for Studying Service Availability and Resilience . 76pp.	574	Nov 2009
Bodger, P.S., Harper, D., Gazzard, M., O'Neill, M., Enright, W. (2002) The performance of silicon and amorphous steel core, distribution transformers at ambient and cryogenic temperatures . Melbourne, Australia: AUPEC 2002, 29 Sep-2 Oct 2002. 1109	498	Sep 2008
Fee, C.J., Van Alstine, J.M. (2005) PEG-proteins: Reaction engineering and separation issues . Chemical Engineering Science, 61(3), pp. 924-939. 605	436	Aug 2007
Trounce, J.C., Round, S. and Duke, R. (2001) Evaluation of Direct Torque Control Using Space Vector Modulation for Electric Vehicle Applications . Perth, Australia: Australasian Universities Power Engineering Conference, 2001. 292--297. 1882	416	Sep 2008
Mohamed, Z., Bodger, P.S. (2005) Forecasting electricity consumption in New Zealand using economic and demographic variables . Energy, 30(10), pp. 1833-1843. 1142	391	Aug 2008
Pampanin, S., Calvi, G.M., Moratti, M. (2002) Seismic Behavior of R.C. Beam-Column Joints Designed for Gravity Only . London: 12th European Conference on Earthquake Engineering, Sep 2002. 726. 473	388	Jul 2007
Wolm, P., Chase, J.G., Chen, X.Q., Pettitgrew, W. (2008) Analysis of a PM DC Motor Model for Application in Feedback Design for Electric Powered Mobility Vehicles . Auckland, New Zealand: 15th International Conference on Mechatronics and Machine Vision in Practice (M2VIP 2008), 2-4 Dec 2008. 686-691. 2752	370	May 2009
Maples, A.J. (2007) Tax Complexity and the Capital-Revenue Distinction - Lessons to be Learnt from Two Recent New Zealand Cases . Brisbane, Australia: Australasian Tax Teachers Association Conference (ATTA 2007), 22-24 Jan 2007. 34pp. 2353	368	Jan 2009

Source: http://webservices.lib.canterbury.ac.nz/institutional_repository/stats_top_items.php

Top 10 downloaded theses in 2011

Title	Downloaded	Added
Wanhalla, Angela Cheryl (2004) Transgressing Boundaries: A History of the Mixed Descent Families of Maitapapa, Taieri, 1830-1940 . Thesis for Doctor of Philosophy, University of Canterbury. History. 1268	1,490	Sep 2008
Pawlowski, Ilona Paulina (2007) Sex in Women's Magazine Advertising An analysis of the degree of sexuality in women's magazine advertising across age demographics and women's responses.. Thesis for Master of Arts, University of Canterbury. Political Science and Communication. 1334	1,132	Sep 2008
Lloyd, Caleb Charles (2009) A Low Temperature Differential Stirling Engine for Power Generation . Thesis for Master of Engineering, University of Canterbury. Department of Electrical and Computer Engineering. 3267	1,098	Oct 2009
Yee, Tina (2008) The Etridge influence on undue influence: attempts at fusion with duress and unconscionability . Thesis for Master of Laws, University of Canterbury. Law. 1175	824	Sep 2008
Ng, Anthony Kwok-Lung (2007) Risk Assessment of Transformer Fire Protection in a Typical New Zealand High-Rise Building . Thesis for Master of Engineering in Fire Engineering, University of Canterbury. Civil Engineering. 1555	790	Sep 2008
Ross, Gail Macdonald (2006) New Zealand Prints 1900-1950: An Unseen Heritage . Thesis for Doctor of Philosophy, University of Canterbury. School of Fine Arts. 1259	676	Sep 2008
Gu, Jian (2009) Development of computer vision algorithms using J2ME for mobile phone applications.. Thesis for Master of Science, University of Canterbury. Computer Science and Software Engineering. 2825	562	Aug 2009
van Berkel, Haley Kathryn (2009) The Relationship Between Personality, Coping Styles and Stress, Anxiety and Depression . Thesis for Master of Science, University of Canterbury. Psychology. 2978	556	Jul 2009
Lohmeyer, Martin (2008) The Diaoyu / Senkaku Islands Dispute . Thesis for Master of Law, University of Canterbury. Law. 4585	545	Jul 2010
Bayley, John Edward (2009) A Doctrine of Good Faith in New Zealand Contractual Relationships . Thesis for Master of Laws, University of Canterbury. Law. 3224	498	Sep 2009

Title	Downloaded	Date added
Lloyd, Caleb Charles (2009) A Low Temperature Differential Stirling Engine for Power Generation .	1,828	Oct 2009

Thesis for Master of Engineering, University of Canterbury. Department of Electrical and Computer Engineering. 3267		
Pawlowski, Ilona Paulina (2007) Sex in Women's Magazine Advertising An analysis of the degree of sexuality in women's magazine advertising across age demographics and women's responses..	1,803	Sep 2008
Thesis for Master of Arts, University of Canterbury. Political Science and Communication. 1334		
Perston, Benjamin Blair (2006) Infrared Reflection-Absorption Spectrometry and Chemometrics for Quantitative Analysis of Trace Pharmaceuticals on Surfaces. Thesis for Doctor of Philosophy, University of Canterbury. Chemistry. 1662	1,095	Sep 2008
Oryshchuk, Nataliya (2006) Official Representation of the Works by Alexander Grin in the USSR: Constructing and Consuming Ideological Myths. Thesis for Doctor of Philosophy, University of Canterbury. Languages and Cultures. 1248	1,060	Sep 2008
Ross, Gail Macdonald (2006) New Zealand Prints 1900-1950: An Unseen Heritage. Thesis for Doctor of Philosophy, University of Canterbury. School of Fine Arts. 1259	1,041	Sep 2008
Gu, Jian (2009) Development of computer vision algorithms using J2ME for mobile phone applications.. Thesis for Master of Science, University of Canterbury. Computer Science and Software Engineering. 2825	1,003	Aug 2009
Ng, Anthony Kwok-Lung (2007) Risk Assessment of Transformer Fire Protection in a Typical New Zealand High-Rise Building. Thesis for Master of Engineering in Fire Engineering, University of Canterbury. Civil Engineering. 1555	852	Sep 2008
van Berkel, Haley Kathryn (2009) The Relationship Between Personality, Coping Styles and Stress, Anxiety and Depression. Thesis for Master of Science, University of Canterbury. Psychology. 2978	848	Jul 2009
Wanhalla, Angela Cheryl (2004) Transgressing Boundaries: A History of the Mixed Descent Families of Maitapapa, Taieri, 1830-1940. Thesis for Doctor of Philosophy, University of Canterbury. History. 1268	774	Sep 2008
Bennett, Adrian John Te Piki Kotuku (2007) Marae: a whakapapa of the Maori marae. Thesis for Doctor of Philosophy, University of Canterbury. Culture, Literature and Society. 1359	666	Sep 2008

Source: http://webservices.libr.canterbury.ac.nz/institutional_repository/stats_top_theses.php