

UC Research Repository update, April 2010

This is the first quarterly Repository update for 2010. The year to date has been marked by growth in the Repository's collection, in both PBRF-eligible research and postgraduate theses. This March, the Repository has surpassed the 2,000 record mark for PBRF-eligible work, and our theses collection now holds over 1,500+ full-text theses.

In this quarter, many significant new contributions were made by researchers across the University. The Colleges of Engineering and Science continue to be the biggest contributors to the Repository, with a high proportion of Mechanical and Civil Engineering academics depositing work in the Repository. Among the most notable of our new contributors is the Medipix All Resolution Team (MARS), whose online bibliography is saturated with links to the full-text research held by the Repository (<http://wiki.canterbury.ac.nz/display/MARSCT/Publications>).

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 (ir@libr.canterbury.ac.nz). Researchers can also get individual assistance from their department's Information Librarian.

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>

Repository Statistics

Research outputs for all Colleges to 31 March 2010

	Authors	~ Q4 2009	Items	~ Q4 2009	Downloads Total	Downloads 2010
Arts	26	22	83	70	5,895	1230
Business and Economics	42	38	144	131	5,754	1,632
Education	41	38	93	88	6,567	1,497
Engineering	249	225	1349	1198	141,924	26,332
Science	94	73	255	197	19,785	3,897
School of Law	18	10	66	29	2,075	742

Top ten contributors from across the University

Author	Items	Downloads
Chase, Geoff	213	22,033
Hann, Christopher Eric	108	8,712
Mitrovic, Tanja	67	3,575
Billinghurst, Mark	63	2,463
Smith, Peter Jeffry	60	2,572
Bodger, Pat	59	8,541
Pampanin, Stefano	57	21,413
Semple, Charles	51	682
Lotz, Thomas	47	3,774
Dantas, Andre	45	9,795

Top 10 downloaded papers from across the University

Title	Downloaded	Date added
Moss, P., Dhakal, R., Bong, M.W., Buchanan, A. (2006) Structural fire performance of steel portal frame buildings . Aveiro, Portugal: 4th International Workshop of Structures in Fire (SiF'06), 10-12 May 2006. 84	2,260	May 2007
Pampanin, S. (2001) Seismic design of precast concrete buildings . ELITE- The International Journal of Precast Art, (3), pp. 50-57. 465	1,973	Jul 2007
Blunt, J.W., Copp, B.R., Munro, M.H.G., Northcote, P.T., Prinsep, M.R. (2006) Marine natural products . Natural Product Reports, 23, pp. 26-78. 920	1,764	Dec 2007
Pampanin, S., Palermo, A., Buchanan, A.H., Fragiacomio, M., and Deam, B.L. (2006) Code provisions for seismic design of multi-storey post-tensioned timber buildings . Florence (Italy): Meeting thirty-nine of the Working Commission W18-Timber Structures, CIB, International Council for Research and Innovation, August 28-31. 63	1,673	May 2007
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	1,600	Jul 2007
Cochrane, T.A, Rosales, O., & Killeen, T.J. (2007) Agua, Gas y Agroindustria: Gestión Sostenible de Agua para Riego Agrícola en Santa Cruz, Bolivia . Conservation International. La Paz, Bolivia. 2007 490	1,595	Jul 2007
Bradley, B., Dhakal, R.P., Mander, J.B. (2006) Modeling and analysis of multi-storey buildings designed to principles of ductility and damage avoidance . Bangkok, Thailand: Tenth East Asia and Pacific Conference on Structural Engineering and Construction (EASEC10), 3-5 August. 241	1,544	May 2007
Cole, J.W., Sabel, C.E., Blumenthal, E., Finnis, K., Dantas, A., Barnard, S., Johnston, D.M. (2005) GIS-based emergency and evacuation planning for volcanic hazards in New Zealand . Bulletin of the New Zealand Society of Earthquake Engineers, 38(2), pp. 149-164. 514	1,456	Jul 2007
Blunt, J.W., Copp, B.R., Munro, M.H.G., Northcote, P.T., Prinsep, M.R. (2005) Marine natural products . Natural Product Reports, 22, pp. 15-61. 919	1,353	Dec 2007
Chase, J.G., Lam, Z.H., Lee, K.S., Hwang, K.S. (2002) Active insulin infusion control of the blood glucose derivative . Singapore: Proceedings of the 7th International Conference on Control, Automation, Robotics and Vision (ICARCV 2002), 2-5 Dec 2002. 1162-1167. 516	1,269	Jul 2007