

Curriculum Vitae

JAMES GOFF, Ph.D.

Australia-Pacific Tsunami Research Centre and Natural Hazards Research Laboratory,
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EMPLOYMENT/APPOINTMENT RECORD:

2008 – Present: Professor of Tsunami Science
Director: Australia-Pacific Tsunami Research Centre and Natural Hazards
Research Laboratory, University of New South Wales, Sydney, Australia

2005 – 2008: Group Manager, National Institute of Water & Atmospheric Research Ltd,
Christchurch

2000 – 2005: Director, GeoEnvironmental Consultants, New Zealand

2000 – Present: Honorary Research Associate, School of Geography and Environmental
Science, University of Auckland

2000 – Present: Adjunct Professor, University of Hawaii at Hilo, USA

1999 – 2000: Principal Regional Scientist, Department of Conservation, Wellington

1998 – Present: Honorary Research Associate, School of Biological Sciences, Victoria
University of Wellington

1995 – 1998: Lecturer in Physical Geography, Victoria University of Wellington

1993 – 1995: Postdoctoral Fellow in Geology, Victoria University of Wellington

1993: Senior Team Leader, Ontario Geological Survey, Canada

1990 - 1992: Environmental Consultant, London, Ontario, Canada

1986-1989: Programme Manager, National Park Service, Wales

EDUCATION:

PhD 1993, Department of Geology, University of Western Ontario, Canada
MSc 1991, Department of Geography, University Of Western Ontario, Canada
BSc (Hons.) 1989, University College, Worcester, UK (1st)

SELECTED HONOURS/DISTINCTIONS/MEMBERSHIPS:

Advisory Board - Pacific Tsunami Museum, Hawaii
Australasian Rep. - Tsunami Sediment Workshop, Seattle, 2005; San Francisco, 2011
Chair/Convenor:- AOGS (Asia Oceania Geosciences Society) 2009 Singapore, Natural
Hazards
- AOGS (Asia Oceania Geosciences Society) 2010 India, Natural
hazards: processes, measurement and recent advances for risk
reduction

	- AGU (American Geophysical Union), 2009 Natural Hazards, Integrated Tsunami Risk Research, 2011 The 11 March 2011 Tohoku Tsunami- Field Observations and Modeling
	- AGU Chapman Conference Chile 2010, Tsunamis
	- EGU (European Geosciences Union), Vienna 2011, Understanding and quantifying hazards related to volcanic activity
	- IUGG (International Union of Geodesy and Geophysics) 2011 Melbourne, Tsunami Risk and Management
	- IAG (International Association of Geomorphologists) 2009 Australia Tsunami Geomorphology
Committee	- IUGG Tsunami Commission
Convenor	- First and Second New Zealand Tsunami Symposiums, 2002, 2004
Country Organiser	- International Geological Correlation Programme (IGCP) Project 367, Late Quaternary coastal record of rapid change; IGCP Project 437, Coastal Interactions during sea-level Highstands; IGCP Project 490, Holocene environmental catastrophes in human history; UNDP Project, Marine Coastal Environment and its Pollution
Government Advisor	- Chile, Cook Islands, New Zealand
Lester King Award	- Royal Society of New Zealand, Wellington, 1995
Member	- American Geophysical Union, Australian Quaternary Association, European Geophysical Union, International Association for Sediment & Water Science, Modelling and Simulation Society of Australia and New Zealand, New Zealand Society for Coastal Sciences and Engineering, Royal Society of New Zealand (MRSNZ)
Pickering Award	- Institute of Professional Engineers of New Zealand, Prestigious Annual Lecture Series Award for services to tsunami research, 2005
Recipient	- NZ/USA, Inter-University Academic Exchange Programme Award, 1997; International Science and Technology Linkages Awards, 1997, 2001
Team Leader	- Post-tsunami reconnaissance team: Papua New Guinea (1998); 2004 Indian Ocean Tsunami - Indonesia, Sri Lanka, Thailand, The Maldives; Java (2006); American Samoa, Samoa, Wallis & Futuna (2009); Chile (2010), Japan (2011)
Te Kūwaha Award	- Excellence in Traditional Environmental Knowledge and natural hazards research
Visiting Professor:	- Department of Mechanical and Aerospace Engineering, Arizona State University, 2005; Department of Geography, National University of Singapore, 2012

- Led formal establishment of Australian Tsunami Research Centre at UNSW in 2009
- Chief Investigator and International Partner Organisation representative on University of Massachusetts National Science Foundation (USA) proposal for an International Partnership for the Study of Offshore Geohazards and Coastal Risk Assessment
- Tsunami survivor interview work included in NOAA's (USA) "Science on a Sphere" educational program. 2010
- Guest Editor, Special Issues:

- 2011: “The South Pacific Tsunami of September 2009”, *Earth Science Reviews*
- 2012: “Natural Hazards in the Asia–Pacific Region”, *Geological Society of London*
- In press: “The 2011 Tohoku tsunami”, *Sedimentary Geology*
- Invited participant in the Australian Academy of Science Australia-Indonesia Environmental Workshop, Canberra 2011
- **Featured in Witze, A. (2012) Making Waves, *Science News*, Feb.25th issue, 22-25.**
- **Featured in *Science News Focus* article: Normile, D. (2011) Tohoku Inundation Spurs Hunt for Ancient Tsunamis. *Science*, 334, 1341-1343**
- **Top 10 tsunami researcher in World based upon bibliometric analysis (Chiu and Ho, 2007: Bibliometric analysis of tsunami research. *Scientometrics*, 73, 3-17)**

RESEARCH INCOME SUMMARY:

Income - Career to date: \$10,500,000

SELECTED RECENT PROJECTS

- 2012 - applied: Solving Australia’s Pacific tsunami enigma – How big, how often, where from? ARC Discovery - \$385k
- 2012 - applied: Human evolution on the SW African coast. ARC Discovery - \$275k
- 2012 - applied: Health Without Borders: Improving population health outcomes in Asia and the Pacific, NHMRC, CRE - \$2.5 Mill
- 2012: Australia-Japan tsunami Initiative. UNSW International - \$17k
- 2012: Archaeological and Environmental Investigations along the mid-Holocene shoreline near Aitape, Northern Papua New Guinea. National Science Foundation (in conjunction with the Field Museum of Natural History); \$102k
- 2011: Rip Currents: an evidence based approach to managing the greatest beach hazard, ARC, LP11 - \$1.22 Mill
- 2011: Coastal vulnerability to multiple inundation sources tool, NSW Ministry for Police & Emergency Services Disaster Management Grants - \$260k
- 2011 : Les risques naturels extrêmes sur les littoraux de la Polynésie française : Archives géologiques, modélisation, réduction des risques, RINALPOF - \$140k
- 2010: Les grands tsunamis historiques et paléo-historiques à Uvéa (Wallis et Futuna) : fréquence, magnitude et impact sur les communautés insulaires, Fonds Pacifique - \$120k
- 2009: Assessing the megatsunami risk to NSW, ARC Discovery - \$350k
- 2008: Australian Tsunami Research Centre – establishment, Strategic Project Funds - \$1 Mill
- 2008: Cultural understandings and beliefs surrounding natural hazards (indigenous environmental knowledge) and traditional methods of mitigation, FRST, NZ - \$250k
- 2008: Tsunamis associated with New Zealand’s plate boundary, FRST, NZ - \$270k
- 2008: Natural hazard assessment and survey of indigenous knowledge in Vanuatu, SOPAC: \$50k
- 2007: Post Tsunami sustainable Livelihoods Program, Thailand, USAID - \$500k

SUMMARY OF PAPERS, REPORTS AND PUBLIC OUTREACH:

Books:	2 (1 in prep)
Refereed Publications/Abstracts/Chapters:	185 (+ 5 in press)
Non-refereed Publications/Abstracts:	145
Presentations:	362 (inc. 175 invited and keynote lectures)
Media:	207 (inc. 98 radio, 17 TV, 5 documentary)

e.g. Natural History NZ Documentary series: What Lies Beneath, 2005
National Geographic documentary: Extreme events-Tsunamis. May 2006
National Geographic documentary: Tsunami from outer space. October 2009

SUMMARY LIST OF RECENT PEER-REVIEWED PUBLICATIONS, 2000-2012

Courtney, C., Goff, J., Dominey-Howes, D., Chagué-Goff, C., McFadgen, B. (in press). The Australian megatsunami debate. *Quaternary Science Reviews*.

Dominey-Howes, D. and Goff, J. (in press) Tsunami Risk Management in Pacific Island Countries and Territories (PICTs) – Some Issues, Challenges and Ways Forward. *Pure and Applied Geophysics*.

Drozdowski, D., Shaw, W., Dominey-Howes, D., Brander, R., Walton, T., Gero, A., Sherker, S., Goff, J. and Edwick, B. (in press). Surveying rip current survivors: preliminary insights into the experiences of being caught in rip currents. *Natural Hazards and Earth System Sciences*. DOI:10.5194/nhess-12-1-2012.

Goff, J., Chagué-Goff, C. McFadgen, B.G. & Nichol, S.L. (in press) Palaeotsunamis and Polynesian settlement. *The Holocene*. DOI: 10.1177/0959683612437873.

Goff, J. and Dominey-Howes, D. (in press) Tsunami. In: Shroder, J., Jr., James, L.A., Harden, C., Clague, J., (Eds.), *Treatise on Geomorphology*. Academic Press, San Diego, CA, vol. 13, pp. xx–xx.

Chagué-Goff, C., Goff, JR, Dudley, W, Nichol, S., Mooney, S., Zawadzki, A., Bennett, J.W., Heijnis, H., Dominey-Howes, D. and Courtney, C. (2012). Multi-proxy evidence for trans-Pacific tsunamis in the Hawaiian islands. *Marine Geology*, 299-302, 77-89. DOI: 10.1016/j.margeo.2011.12.010.

Goff, J. (2012) Tsunamis and stranded vessels: Up Ship Creek without a paddle? *Geographical Research*, 50, 102-107. doi: 10.1111/j.1745-5871.2011.00705.x.

Goff, J., Chagué-Goff, C., Nichol, S.L., Jaffe, B. and Dominey-Howes, D. (2012) Progress in palaeotsunami research. *Sedimentary Geology* 243-244, 70-88. DOI: 10.1016/j.sedgeo.2011.11.002.

Goff, J., Chagué-Goff, C. and Terry, J.P. (2012) The value of a Pacific-wide tsunami database for risk reduction – putting theory into practice. *Geological Society Special Publication No 361*, 209-220, DOI: 10.1144/SP361.17.

Goff, J. and Terry, J.P. (2012) Living with natural hazards in the Asia-Pacific region. *Geological Society Special Publication No 361*, 1-2, DOI: 10.1144/SP361.1.

Johnston, J, Bird, D., Goff, J. and Dudley, W. (2012) An examination of hazard communication logs and public response during the 1946 and 1960 tsunamis that impacted Hilo, Hawai'i. *Geological Society Special Publication No. 361*, 91-105, DOI: 10.1144/SP361.8.

Ramírez-Herrera, M.-T., Lagos, M., Hutchinson, I., Kostoglodov, V., Machain, M.L., Caballero, M., Gogichaisvili, A., Aguilar, B., Chagué-Goff, C., Goff, J., Ortiz, M., Ruiz-Fernández, A.-C., Nava, H., Bautista, F., Lopez, G.I., Quintana, P. (2012) Extreme wave deposits on the Pacific coast of Mexico: tsunamis or storms? - A multi-proxy Approach. *Geomorphology*, 139-140, 360-371. DOI:10.1016/j.geomorph.2011.11.002.

Tarbotton, C., Dominey-Howes, D., Goff, J., Papatoma-Kohle, M., Dall'Osso, F. and Turner, I. (2012) GIS-based techniques for assessing the vulnerability of buildings to tsunami – current approaches and future steps. *Geological Society Special Publication No 361*, 115-125, DOI: 10.1144/SP361.10.

Terry, J.P. and Goff, J. (2012) The special vulnerability of islands to natural hazards. *Geological Society Special Publication No 361*, 3-5, DOI: 10.1144/SP361.2.

Chagué-Goff, C., Goff, J., Nott, J., Sloss, C., Dominey-Howes, D., Shaw, W. & Law, L. (2011). Tropical Cyclone Yasi and its predecessors. *Australian Tsunami Research Centre Miscellaneous Report No. 5*, 18pp. http://www.nhrl.unsw.edu.au/articles/Cyclone_Yasi_March.pdf

Chagué-Goff, C., Schneider, J.-L., Goff, J.R., Dominey-Howes, D. and Strotz, L. (2011). Expanding the proxy toolkit to help identify past events - Lessons from the 2004 Indian Ocean Tsunami and the 2009 South Pacific Tsunami. *Earth-Science Reviews* 107, 107-122. doi: 10.1016/j.earscirev.2011.03.007.

Dominey-Howes, D. and Goff, J. (2011). Tsunami risk management in the context of the Pacific Islands. EAP DRM KnowledgeNotes. Disaster Risk Management in East Asia and the Pacific. World Bank and Global Facility for Disaster Reduction and Recovery (GFDRR), Working Paper Series No. 25, 12 pp. http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2011/07/22/000356161_20110722030203/Rendered/PDF/634140BRI0Box30i0RM0M20web00PUBLIC0.pdf

Etienne, S., Buckley, M., Paris, R., Nandasena, A.K., Clark, K., Strotz, L., Chagué-Goff, C., Goff, J. & Richmond, B. (2011). The use of boulders for characterising past tsunamis: Lessons from the 2004 Indian Ocean and 2009 South Pacific tsunamis. *Earth-Science Reviews*, 107, 76-90. 10.1016/j.earscirev.2010.12.006.

Goff, J. (2011). Evidence of a previously unrecorded local tsunami, 13 April 2010, Cook Islands: Implications for Pacific Island Countries. *Natural Hazards and Earth System Sciences*, 11, 1371-1379.

Goff, J., Chagué-Goff, C., Dominey-Howes, D., McAdoo, B., Cronin, S., Bonté-Grapetin, M., Nichol, S., Horrocks, M., Cisternas, M., Lamarche, G., Pelletier, B., Jaffe, B. and Dudley, W. (2011). Palaeotsunamis in the Pacific. *Earth-Science Reviews*, 107, 141-146. doi: 10.1016/j.earscirev.2010.10.005.

Goff, J. and Dominey-Howes, D. (2011). The 2009 South Pacific tsunami. *Earth-Science Reviews*, 107, v-vii. doi: 10.1016/j.earscirev.2011.03.006.

Goff, J., Lamarche, G., Pelletier, B. Chagué-Goff, C. and Strotz L. (2011). Palaeotsunami precursors to the 2009 South Pacific tsunami in the Wallis and Futuna archipelago. *Earth-Science Reviews*, 107, 91-106. doi: 10.1016/j.earscirev.2010.11.003.

Goto, K., Chagué-Goff, C., Fujino, S., Goff, J., Jaffe, B., Nishimura, Y., Richmond, B., Suguwara, D., Szczeniński, W., Tappin, D.R., Witter, R. and Yulianto, E. (2011) New insights into tsunami risk from the 2011 Tohoku-oki event. *Marine Geology*, 290, 46-50. doi:10.1016/j.margeo.2011.10.004.

Jaffe, B., Buckley, M., Richmond, B., Strotz, L., Etienne, S., Clark, K., Watt, S., Gelfenbaum, G. and Goff, J. (2011). Flow speed estimated by inverse modeling of sandy sediment deposited by the 29 September 2009 tsunami near Satitoo, east Upolu, Samoa. *Earth-Science Reviews*, 107, 23-37.

Moore, A., Goff, J., McAdoo, B., Fritz, H., Gusman, A., Kalligeris, N., Kalsum, K., Susanto, A., Suteja, D. and Synolakis, C. (2011) Sedimentary deposits from the 17 July 2006 Western Java tsunami, Indonesia – use of grain size analyses to assess tsunami flow depth, speed, and traction carpet characteristics. *Pure and Applied Geophysics*, 168, 1951-1961. DOI 10.1007/s00024-011-0280-8.

Richmond, B., Buckley, M., Etienne, S., Chagué-Goff, C., Clark, K., Goff, J., Dominey-Howes, D. and Strotz, L. (2011). Deposits, Flow Characteristics, and Landscape Change Resulting from the September 2009 South Pacific Tsunami in the Samoan Islands. *Earth-Science Reviews*, 107, 38-51.

Sugawara, D., Goto, K., Chagué-Goff, C., Fujino, S., Goff, J., Jaffe, B., Nishimura, Y., Richmond, B., Szczucinski, W., Tappin, D., Witter, R., and Yulianto, E. (2011). Initial field survey report of the 2011. (2011). East Japan Tsunami in Sendai, Natori and Iwanuma Cities, 2011/07/10. UNESCO-IOC International Tsunami Survey Team, 16 pp.

Terrell, J.E., Pope, K.O. and Goff, J. (2011) Chapter 3: Context and relevance. In: Terrell, J.E. and Schechter, E.M. (Eds). *Archaeological Investigations on the Sepik Coast, Papua New Guinea*. *Fieldiana Anthropology*, 42, 21-28. doi: 10.3158/0071-4739-42.1.21.

Williams, S., Goff, J., Chagué-Goff, C., Prasetya, G., Cheung, K.F., Davies, T. and Wilson, T. (2011a) Characterising diagnostic proxies for identifying palaeotsunamis in a tropical climatic regime, Samoan Islands. In: *Proceedings of the MTS/IEEE Oceans 2011 Conference, Kona, Hawaii, 19-22 September 2011*, 10 pp. ISBN CD-ROM: 978-0-933957-39-8.

Dominey-Howes, D. and Goff, J. (2010a) Tsunami: unexpected blow foils flawless warning system. *Nature*, 464, 350.

Goff, J. (2010a). Palaeotsunamis associated with Alpine fault and Hikurangi paleoseismicity. Report: JO75490/2009, National Institute of Water & Atmospheric Research, 22pp.

Goff, J. (2010b). Cook Islands: End of visit report. Australian Tsunami Research Centre Miscellaneous Report No. 4. Cook Island Government, Rarotonga. 5pp.

Goff, J. and Dominey-Howes, D. (2010a) A review of tsunami work in Tasmania. Australian Tsunami Research Centre Miscellaneous Report No. 3. Mineral Resources Tasmania, Hobart. 35pp.

Goff, J. and Dominey-Howes, D. (2010b) Eltanin asteroid megatsunami deposits in Australia? *Natural Hazards and Earth System Sciences*, 10, 713-715.

Goff, J., Dominey-Howes, D., Chagué-Goff, C. and Courtney, C. (2010) Analysis of the Mahuika comet impact tsunami hypothesis. *Marine Geology*, 271, 292-296. 10.1016/j.margeo.2010.02.020.

Goff, J., Nichol, S.L., Chagué-Goff, C., Horrocks, M., McFadgen, B., and Cisternas, M. (2010) Predecessor to New Zealand's largest historic trans-South Pacific tsunami of 1868AD. *Marine Geology*, 275, 155-165. 10.1016/j.margeo.2010.05.006.

Goff, J., Nichol, S.L. and Kennedy, D. (2010) Development of a palaeotsunami database for New Zealand. *Natural Hazards*, 54, 193-208. doi: 10.1007/511069-009-9461-5.

Goff, J., Pearce, S., Nichol, S.L., Chagué-Goff, C., Horrocks, M. and Strotz, L. (2010) Multi-proxy records of regionally-sourced tsunamis, New Zealand. *Geomorphology*, 118, 369-382. doi: 10.1016/j.geomorph.2010.02.005.

Goff, J., Weiss, R., Courtney, C. and Dominey-Howes, D. (2010) Testing the hypothesis for tsunami boulder deposition from suspension. *Marine Geology*, 277, 73-77. doi: 10.1016/j.margeo.2010.08.003.

King, D. and Goff, J. (2010) Benefitting from differences in knowledge, practice and belief: Māori oral traditions and natural hazards science. *Natural Hazards and Earth System Sciences*, 10, 1927-1940. doi:10.5194/nhess-10-1-2010.

Lamarche, G., Pelletier, B. and Goff, J. (2010) The 29 September 2009 South Pacific Tsunami in Wallis and Futuna. *Marine Geology*, 271, 297-302. doi:10.1016/j.margeo.2010.02.012.

Lorrey, A.M., Vandergoes, M., Renwick, J., Newnham, R., Ackerley, D., Bostock, H., Williams, P.W., King, D.N.T., Neil, H., Harper, S., Mackintosh, A., Goff, J., McFadgen, B., Martin, T. and Chappell, P. (2010) A Regional Climate Regime Classification synthesis for New Zealand covering three critical periods of the late Quaternary: the last 2000 years, the mid-Holocene, and the end of the Last Glacial Coldest Period. NIWA Report AKL2010-025, 231 pp.

Nichol, S.L., Chagué-Goff, C., Goff, J., Horrocks, M., McFadgen, B.G. and Strotz, L. (2010) Geomorphology and accommodation space as limiting factors on tsunami deposition: Chatham Island, southwest Pacific Ocean. *Sedimentary Geology*, 229, 41-52. 10.1016/j.sedgeo.2010.06.001.

Weinstein, P., Goff, J. and Skelly, C. (2010). Do post-disaster public health interventions impede malaria eradication? *Medical Hypotheses*, 74, 403-405.

Dominey-Howes, D. and Goff, J. (2009) "Hanging on the line" - on the need to assess the tsunami risk to Australia's critical submarine telecommunications infrastructure at the Hawaiian bottleneck. *Natural Hazards and Earth System Sciences*, 9, 605-607.

Dominey-Howes, D. and Thaman, R. (2009). UNESCO-IOC International Tsunami Survey Team Samoa (ITST Samoa). Goff, J. (ed.) Interim Report of Field Survey 14th – 21st October 2009. UNESCO-IOC and Australian Tsunami Research Centre Miscellaneous Report No. 2: 172pp.

Dudley, W., Goff, J., Chagué-Goff, C. and Johnston, J. (2009) Capturing the next generation of cultural memories - video interviewing of tsunami survivors. *Science of Tsunami Hazards* 28, 154-170.

Goff, J. 2009b. Palaeotsunamis associated with Alpine fault and Hikurangi paleoseismicity. Report: JO75490/2009, National Institute of Water & Atmospheric Research, 32pp.

Goff, J. and Chagué-Goff, C. (2009a) Pololu Valley, Hawaii: survey of tsunami sediments. Australian Tsunami Research Centre Miscellaneous Report No. 1, 7pp.

Goff, J. and Chagué-Goff, C. (2009b) Cetaceans and tsunamis – whatever remains, however improbable, must be the truth? *Natural Hazards and Earth System Sciences*, 9, 855-857.

Goff, J. and Dominey-Howes, D. (2009) Australasian palaeotsunamis – Do Australia and New Zealand have a shared Trans-Tasman prehistory? *Earth Science Reviews*, 97, 159-166.

Goff, J., Lane, E.M. and Arnold, J. (2009) The tsunami geomorphology of coastal dunes. *Natural Hazards and Earth System Sciences*, 9, 847-854.

Lamarche, G., Pelletier, B. and Goff, J. (2009a). Historique des tsunamis sur L'archipel de Futuna: Frequence, magnitude et impact sur la communaute insulaire. Historical tsunami in the Futuna Archipelago: Frequency, magnitude and impact on the community. Rapport de mission 6-17 Octobre 2009. National Institute of Water & Atmospheric Research Report No. 140, Wellington, New Zealand, 15pp.

Sheppard, D.S., Christie, A., Goff, J. and Carver, R. (2009) Geochemical stream sediment geochemical survey in an area of volcanic-hosted epithermal Au-Ag-Pb-Cu deposits and porphyry Cu shows, Thames, Coromandel Peninsula, New Zealand. *Geochemistry: Exploration, Environment and Analysis*, 9 279-296.

Goff, J. (2008a) The New Zealand Palaeotsunami Database. *NIWA Report 131*, ISSN 1174-2631, 24pp + Appendix.

Goff, J. (2008b) The Effects of Rapid and Catastrophic Sedimentation in Tectonically Active Areas. *Sediment Dynamics in Changing Environments*. IAHS Publication, 325.

Goff, J., Charley, D., Haruel, C. and Bonte-Graptin, M. (2008) Preliminary findings of the geological evidence and oral history of tsunamis in Vanuatu. SOPAC Report No.416, 49 pp.

Goff, J. and Grant, H. (2008) Canterbury region tsunami risk: current knowledge and management. NIWA Report: ENC09501, 33pp.

Goff, J., McFadgen, B.G., Wells, A., and Hicks, M. (2008) Seismic signals in coastal dune systems. *Earth Science Reviews*, 89, 73-77.

King, D., Goff, J. and Skipper, A. (2008) Natural hazards and Māori Environmental Knowledge in Aotearoa. *Water & Atmosphere*, 16(2), 24-25.

Lane, E., McMillan, H. Gillibrand, P., Enright, M., Carter, J., Arnold, J., Bind, J., Roulston, H., Goff, J. and Gorman, R. (2008) Otago Regional Council storm surge modelling study. NIWA Report CHC2008-047.

Marra, M., Crozier, M. and Goff, J. (2008) Paleoenvironment and biogeography of a late MIS 3 fossil beetle fauna from Southern Taranaki, New Zealand. *Journal of Quaternary Science*, 24, 97-107.

Morton, R.A., Goff, J. and Nichol, S. (2008) Hydrodynamic implications of textural trends in sand deposits of the 2004 tsunami in Sri Lanka. *Sedimentary Geology*, 207, 56-64.

Regnauld, H., Planchon, O. and Goff, J. (2008) Contrôle de l'évolution du littoral de l'Archipel des Malouines: rôle d'un tsunami (Controls on coastal geomorphology of the Falklands Archipelago: importance of a tsunami on coastal evolution). *Geomorphologie: Relief, Processus, Environnement*, 1, 33-44.

Bonté, M., Taylor, F, Frohlich, C., Hornbach, M., Goff, J., Pelletier, B., Glassey, P., Greene, G., Fritz, H., Harrison, M., Toba, T. (2007) Paleo-earthquake and tsunami history of active plate margins within the Pacific Islands Region. SOPAC Report from Science and Technical Experts Working Group, 26-28 November, Nuku'alofa, Kingdom of Tonga.

Chagué-Goff, C. and Goff, J. (2007) East Coast Tsunami Hazard Study- Stage 1. Horizons Regional Council. NIWA Report CHC2007-074.

Dominey-Howes, D. and Goff, J. (2007) Understanding tsunami risk in the Australasian region. *Quaternary International*, 167-168, 101.

Fritz, H.M., Kongko, W., Moore, A., McAdoo, B., Goff, J., Harbitz, C., Uslu, B., Kalligeris, N., Suteja, D., Kalsum, K., Titov, V., Gusman, A., Latief, H., Santoso, E., Sujoko, S., Djulkarnaen, D., Sunendar, H. and Synolakis, C.E. (2007) Extreme runup from the 17 July 2006 Java tsunami. *Geophysical Research Letters*, 34, L12602, doi:10.1029/2007GL029404.

Goff, J. (2007a) Dune morphology as an indicator of palaeotsunamis. *Coastal Sediments 2007*, American Society of Civil Engineers, New Orleans, 1-14.

Goff, J. (2007b) Tsunami hazard assessment and coastal inundation modelling – Hawke’s Bay. NIWA Report CHC2007-023, 22pp.

Goff, J. (2007c) Avon-Heathcote Estuary (Ihutai): Palaeoenvironmental changes project. NIWA Report CHC2007-026, 22pp.

Goff, J. (2007d) Palaeotsunami, archaeological and cultural data better define New Zealand’s West Coast tsunami sources. *Quaternary International*, 167-168, 143.

Goff, J. (2007e) New Plymouth District – tsunami risk. NIWA Report CHC2007-119, 32pp.

Goff, J., Hicks, D.M., and Hurren, H. (2007) Tsunami geomorphology in New Zealand. National Institute of Water & Atmospheric Research Report No. 128, 67pp.

Goff, J. and Walters, R.A. (2007) Revealing the unseen threat. *Water & Atmosphere*, 15(3), 22-23.

King, D., Goff, J. and Skipper, A. (2007) Māori Environmental Knowledge and natural hazards in New Zealand. *Journal of the Royal Society of New Zealand*, 37, 59-73.

McFadgen, B.G. and Goff, J. (2007) Tsunamis in the archaeological record of New Zealand. *Sedimentary Geology*, 200, 263-274.

Marra, M., Crozier, M. and Goff, J. (2007) Paleoenvironment and biogeography of a late MIS 3 fossil beetle fauna from Southern Taranaki, New Zealand. *Quaternary International*, 167-168, 270.

Morton, R.A., Goff, J. and Nichol, S. (2007) Impacts of the 2004 Indian Ocean tsunami on the southwest coasts of Sri Lanka. *Coastal Sediments 2007*, American Society of Civil Engineers, New Orleans, 1-14.

Nichol, S.L., Goff, J., Devoy, R.J., Chagué-Goff, C., Hayward, B. and James, I. (2007) Lagoon subsidence and tsunami on the West Coast of New Zealand. *Sedimentary Geology*, 200, 248-262.

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