

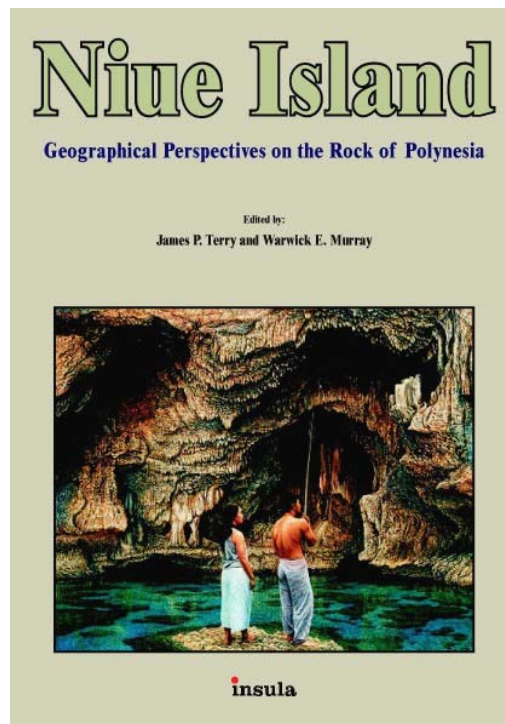
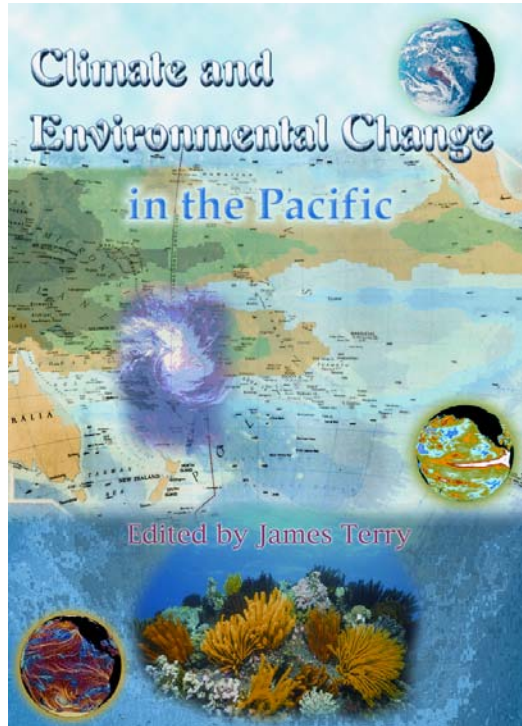
Research Publications and Conference Papers

Refereed Papers and Book Chapters (reverse chronological order)

- Terry, J.P.** 2006 Lagoon degradation and management in Yanuca Channel on the Coral Coast in Fiji. *South Pacific Journal of Natural Science*, v.24, 1-10.
- Terry, J.P.** 2006 Yoron Island in southern Japan - Quaternary geology and solution controls on surface landforms. *South Pacific Studies*, v.26, 111-123.
- Terry, J.P.**, Kostaschuk, R.A. and Garimella, S. 2005 Sediment deposition rate in the Falefa River basin, Upolu Island, Samoa. *Journal of Environmental Radioactivity*, v.86, 45-63.
- Terry, J.P.** 2005 Limestone geomorphology on Yoron Island, central Ryukyu Island Arc, southern Japan. In: J. Tsukahara and S. Nagashima (Eds), *Social Homeostasis of Small Islands in an Island-Zone: Interdisciplinary Approach to Satsunan Islands Focussing on Yoron Island*. Kagoshima University Research Center for the Pacific Islands, Japan, Occasional Papers No.42, 25-34.
- Terry, J.P.** 2005 Karst distribution and controls on Yoron-jima, an emerged reef island in sub-tropical Japan. *Journal of Cave and Karst Studies*, v.67, 48-54.
- Terry, J.** 2005 Hazard warning! Hydrological responses in the Fiji Islands to climate variability and severe meteorological events. In: S. Franks, T. Wagener, E. Bøgh, H.V. Gupta, L. Bastidas, C. Nobre and C. de Oliveira Galvão (Eds), *Regional Hydrological Impacts of Climatic Change—Hydroclimatic Variability*. International Association of Hydrological Sciences, Publication 296, 33-41.
- Cronin, S.J., Ferland, M.A. and **Terry, J.P.** 2004 Nabukelevu volcano (Mt. Washington), Kadavu – a source of hitherto unknown volcanic hazard in Fiji. *Journal of Volcanology and Geothermal Research*, v.131, 371-396.
- Murray, W.E. and **Terry, J.P.** 2004 Niue's Place in the Pacific. In: J.P. Terry and W.E. Murray (Eds), *Niue Island, Geographical Perspectives on the Rock of Polynesia*. International Scientific Council for Island Development, UNESCO, Paris, 9-29.
- Terry, J.P.** 2004 Geomorphic features of Niue Island: chasms, caves and other karst varieties. In: J.P. Terry and W.E. Murray (Eds), *Niue Island, Geographical Perspectives on the Rock of Polynesia*. International Scientific Council for Island Development, UNESCO, Paris, 75-88.
- Terry, J.P.** 2004 Climatic hazards facing Niue. In: J.P. Terry and W.E. Murray (Eds), *Niue Island, Geographical Perspectives on the Rock of Polynesia*. International Scientific Council for Island Development, UNESCO, Paris, 113-124.
- Terry, J.P.** 2004 Shoreline erosion on a low coral island in Fiji – causes and consequences. *South Pacific Studies* v.24, 55-66.
- Terry, J.P.** 2004 The problems of tropical cyclones in the South Pacific. *South Pacific Newsletter*, v.14, 1-5.
- Terry, J.P.**, McGree, S. and Raj., R. 2004 The exceptional floods on Vanua Levu Island, Fiji, during Tropical Cyclone Ami in January 2003. *Journal of Natural Disaster Science*, v.26, 27-36.
- Kostaschuk, R., **Terry, J.** and Raj, R. 2003 Suspended sediment transport during tropical cyclone floods in Fiji. *Hydrological Processes*, v.17, 1149-1164.
- Terry, J.P.** and Nunn, P.D. 2003 Interpreting features of carbonate geomorphology on Niue Island, a raised coral atoll. *Zeitschrift für Geomorphologie*, Supplementary Volume 131, 43-57.
- Bettencourt, S., Campbell, J., de Wet, N., Falkland, A., Feresi, J., Jones, R., Kench, P., Kenny, G., King, W., Lehodey, P., Limalevu, L., Raucher, R., Taeauea, T., **Terry, J.**, Teutabo, N. and Warrick, R. 2002 The impacts of climate change in Pacific Island economies: policy and development implications. *Asia Pacific Journal on Environment and Development*, v.9, 142-165.
- Terry, J.P.** 2002 Water Resources, Climate Variability and Climate Change in Fiji. *Asia Pacific Journal on Environment and Development*, v.9, 86-120.
- Terry, J.P.**, Ollier, C.D. and Pain, C.F. 2002 Geomorphological evolution of the Navua River, Fiji. *Physical Geography*, v.23, 418-426.
- Terry, J.P.**, Garimella, S. and Kostaschuk, R.A. 2002 Rates of floodplain accretion in a tropical island river system impacted by cyclones and large floods. *Geomorphology*, v.42, 171-183.
- Terry, J.P.** and Raj, R. 2002 The 1997-98 El Niño and drought in the Fiji Islands. In: *Hydrology and Water Management in the Humid Tropics*. Technical Documents in Hydrology No.52, UNESCO International Hydrology Programme-V, Paris, 80-93.
- Kostaschuk, R., **Terry, J.** and Raj, R. 2001 The impact of tropical cyclones on river floods in Fiji. *Hydrological Sciences Journal*, v.46, 435-450.

- Terry, J.P.**, and Kostaschuk, R.A. 2001 Rapid rates of channel migration in a Pacific island river. *Journal of Pacific Studies*, v.25, 277-289.
- Terry, J.P.**, Raj, R., and Kostaschuk, R.A. 2001 Links between the Southern Oscillation Index and hydrological hazards on a tropical Pacific island. *Pacific Science*, v.55, 275-283.
- Ollier, C.D. and **Terry, J.P.** 1999 The volcanic geomorphology of northern Viti Levu. *Australian Journal of Earth Science*, v.46, 515-522.
- Terry, J.P.** 1999 Kadavu Island, Fiji – fluvial studies of a volcanic island in the humid tropical South Pacific. *Singapore Journal of Tropical Geography*, v.20, 86-98.
- Terry, J.P.** 1999 Investigating the use of the turbidity tube device for measuring suspended sediment concentration in humid tropical rivers – examples from Viti Levu island, Fiji. *South Pacific Journal of Natural Science*, v.18, 36-40.
- Terry, J.P.** and Raj, R. 1999 Island environment and landscape responses to 1997 tropical cyclones in Fiji. *Pacific Science*, v.13, 257-272.
- Terry, J.P.** and Vakatawa, L. 1999 Physiography, ethnobotany and cultural importance of the fluvial environment, interpreted from stream names on Kadavu Island, Fiji. *Domodomo, Journal of the Fiji Museum*, v.12, 55-63.
- Barbour, P. and **Terry, J.P.** 1998 The hidden economic costs of soil erosion: a case study of the ginger industry in Fiji. *Journal of South Pacific Agriculture*, v.5, 1-8.
- Garimella, S., **Terry, J.P.** and Kostaschuk, R. 1998 Study of floodplain sedimentation in Fiji using the ¹³⁷Cs technique (Research Note). *South Pacific Journal of Natural Science*, v.16, 65-66.
- Terry, J.P.** 1998 A rainsplash component analysis to define mechanisms of soil detachment and transportation. *Australian Journal of Soil Research*, v.36, 525-542.
- Terry, J.P.** and Raj, R. 1998 Hydrological drought in western Fiji and the contribution of tropical cyclones. In: *Climate and Environmental Change in the Pacific*, J.P. Terry (Ed.), School of Social and Economic Development, University of the South Pacific, Suva, Fiji, 73-85.
- Terry, J.P.** 1996 Erosion pavement formation and slope process interactions in commercial forestry plantations, northern Portugal. *Zeitschrift für Geomorphologie*, v.40, 97-115.
- Shakesby, R.A., Coelho, C.O.A., Ferreira, A.J.D., **Terry, J.P.** and Walsh, R.P.D. 1994 Fire, post-burn land use and soil erosion response curves in eucalyptus and pine forests, Portugal. In: *Soil Erosion as a Consequence of Forest Fires*, M. Sala and J.L. Rubio (Eds), Geofoma Ediciones, Logroño, Spain, 111-132.
- Terry, J.P.** 1995 Portuguese forestry management and soil quality degeneration: evidence from soil and litter invertebrate macrofauna. *Swansea Geographer*, v.32, 48-62.
- Terry, J.P.** 1994 Soil loss from erosion plots of differing post-burn forest cover, Portugal. In: *Soil Erosion as a Consequence of Forest Fires*. M. Sala and J.L. Rubio (Eds), Geofoma Ediciones, Logrono, Spain, 133-147.
- Shakesby, R.A., Coelho, C.O.A., Ferreira, A.J.D., **Terry, J.P.** and Walsh, R.P.D. 1993 Wildfire impacts on soil erosion and hydrology in wet Mediterranean forest. *International Journal of Wildland Fire*, v.3, 95-110.
- Terry, J.P.** and Shakesby, R.A. 1993 Soil hydrophobicity effects on rainsplash: simulated rainfall and photographic evidence. *Earth Surface Processes and Landforms*, v.18, 519-525.
- Walsh, R.P.D., Coelho, C.O.A., Shakesby, R.A. and **Terry, J.P.** 1992 Effects of land use management practices and fire on soil erosion and water quality in the Águeda river basin, Portugal. *GeoÖko Plus*, v.3, 1-24.
- Terry, J.P.** 1992 The effects of water repellency in soils on erosion processes. *Swansea Geographer*, v.29, 89-98.
- Terry, J.P.** 1991 Measurements of rainsplash on sandy loam soil: a correction equation for different sized collecting devices. *Swansea Geographer*, v.28, 30-38.
- Terry, J.P.** 1990 Land management, fire and erosion in Mediterranean and associated forested environments: a review. *Aveiro-Swansea Erosion Research Bulletin* No.2, 22pp.
- Terry, J.P.** 1990 Splash detachment tests on hydrophobic versus wettable soils. *Swansea Geographer*, v.27, 71-83.
- Terry, J.P.** 1989 The development of a new device for measuring rainsplash erosion. *Swansea Geographer*, v.26, 54-63.
- Terry, J.P.** 1988 The Danbury Gravels, Essex: a study of their origin. *Swansea Geographer*, v.25, 1-15.

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- Terry, J.P.** and Murray, W.E. (Editors) 2004 *Niue Island: Geographical Perspectives on the Rock of Polynesia*. International Scientific Council for Island Development, UNESCO, Paris, 301pp.
- Terry, J.P.** (Editor) 1998 *Climate and Environmental Change in the Pacific*. School of Social and Economic Development, University of the South Pacific, Suva, Fiji, 144pp.
- George, R., Weaver, D. and **Terry, J.** 1996 *Environmental Water Quality – A Guide to Sampling and Measurement*. Department of Agriculture, Western Australia, 38pp.

In Press and Under Review

- Terry, J.P.** *Tropical Cyclones: Climatology and Impacts in the South Pacific*. Springer-Verlag (in production).
- Terry, J.P.**, Kahsai, K., Grover, V. and Mayfield, C. Delivering Education in Integrated Water Resources Management in the Oceania region. *Directions: Journal of Educational Studies* (submitted for review).

Consultant Reports (reverse chronological order)

- Terry, J.P.** 2002 *Coastal Erosion Survey on Naitauba Island, northern Lau, Fiji*. Report prepared for the Naitauba Trust, Suva, Fiji, 20pp.
- Terry, J.P.** and Thaman, R.R. 2001 *Investigation of Current Flow, Sedimentation and Health of the Marine Ecosystem in Yanuca Channel, Shangri-La Fijian Resort, Cuvu, Sigatoka*. Report prepared for the Foundation for the Peoples of the South Pacific International (Suva). Institute of Applied Sciences, Technical Report No. 2001/6, The University of the South Pacific, Suva, Fiji.
- Lovell, E.R and **Terry, J.P.** 2001 *Sediment Drift Study of the Lower Nadi River Estuary and Delta*. Sinclair Knight (Environmental Consultants).
- Terry, J.P.** and Feresi, J. 2000 Water Resources Sector. Chapter 5 In: J. Feresi *et al.* (Eds), *Climate Change Vulnerability and Adaptation Assessment Report for the Fiji Islands*. Pacific Islands Climate Change Assistance Programme (PICCAP), Department of Environment, Fiji and International Global Change Institute, University of Waikato, New Zealand.

- Terry, J.P.** 1999 *Assessment of hydrology and soil resources in the GTZ experimental forest area, Nakavu, south east Viti Levu*. German Pacific Regional Forestry Programme, 10pp.
- Terry, J.P.** 1995 *Current water quality monitoring in the south west high rainfall region of Western Australia*. National Pollutant Inventory; End of Phase I Report. Department of Environmental Protection and Department of Agriculture, Western Australia, 74pp.

Conference Papers (reverse chronological order)

- Terry, J.P.** and Kostaschuk, R. 2007 Emerging concepts in hydrology in the South Pacific islands. *Asia Oceania Geosciences Society, 4th Annual Conference*, 30 July - 4 August 2007, Bangkok, Thailand (accepted).
- Terry, J.P.** 2007 Hydrological perils in the face of climate variability and change – evidence from the South Pacific islands (Fiji, New Caledonia, Samoa, Solomon Islands and Vanuatu). *Third International Conference on Climate and Water*, 3-6 September 2007, Helsinki, Finland (accepted).
- Kostaschuk, R.A., **Terry, J.P.**, and Wotling, G. 2006 Tropical storms and associated flood risk on Grande Terre, New Caledonia. In: Sethaputra, S. and Promma, K. (Eds), *Proceedings of the International Symposium on Managing Water Supply for Growing Demand*, 16-20 October 2006, Bangkok, Thailand. UNESCO International Hydrological Programme, Technical Documents in Hydrology No.6, 207-210.
- Terry, J.P.**, Kahsai, K., Grover, V. and Mayfield, C. 2006 Challenges for Integrated Water Resources Management training in the South Pacific Islands. *Asia Pacific Association of Hydrology and Water Resources 3rd Conference*, 16-18 October 2006, Bangkok, Thailand.
- Lal, R., Garimella, S. and **Terry, J.** 2006 Assessment of floodplain sedimentation rates from ¹³⁷Cs and ²¹⁰Pb measurements on Vanua Levu island in Fiji. *South Pacific Environmental Radioactivity Association, 9th Conference*, 9-13 October 2006, Melbourne, Australia.
- Terry, J.P.** and Ratiram, A. 2006 Tectonics, lithology and river braiding on Espiritu Santo Island, Vanuatu. *South Pacific Applied Geoscience Commission, 35th Annual Conference*, 20-28 September 2006, Honiara, Solomon Islands.
- Terry, J.P.**, Lal, R. and Garimella, S. 2006 Factors influencing active sedimentation in the Labasa River valley on Vanua Levu island in Fiji, measured from caesium-137 and lead-210 profiles. *South Pacific Applied Geoscience Commission, 35th Annual Conference*, 20-28 September 2006, Honiara, Solomon Islands.
- Terry, J.P.**, Garimella, S., Kostaschuk, R.A. and Ratiram, A. 2006 Investigating the evolution of the Jourdain River braidplain on Santo Island, Vanuatu. *Australia and New Zealand Geomorphology Group, 12th Biennial Conference*, 12-17 February 2006, Taipa Bay, New Zealand.
- Terry, J.P.** and McGree, S. 2005 Hurricanes in the South Pacific Ocean; characteristics and consequences for island environments. *Asia Oceania Geosciences Society, 2nd Annual Conference*, 20-24 June 2005, Singapore.
- Garimella, S., **Terry, J.** and Kostaschuk, R. 2004 Overbank sediment accumulation measurement on some South Pacific islands, using the ¹³⁷Cs technique.
- Terry, J.P.** and Thaman, R.R. 2004 Identifying and reducing the risks of beach and lagoon degradation in Cuvu Bay, southern Fiji. *South Pacific Applied Geoscience Commission, 33rd Annual Conference*, 17-24 September 2004, Coral Coast, Fiji. SOPAC Miscellaneous Report 576.
- Terry, J.P.** 2004 The use of karstic depressions for surface water reservoirs on small limestone islands: case study of Yoron-to in sub-tropical southern Japan. *South Pacific Applied Geoscience Commission, 33rd Annual Conference*, 17-24 September 2004, Coral Coast, Fiji. SOPAC Miscellaneous Report 576.
- Terry, J.P.** 2004 Hurricane impacts in the South Pacific Islands – illustrating recent catastrophic events. *The 30th International Geographical Congress*, 15-20 August 2004, Glasgow, Scotland, UK.
- Terry, J.P.** 2004 Alluvial sedimentation rates in the South Pacific Islands – examples from Samoa and Fiji. *Joint International Conference on Geomorphology, “Geomorphology and Sustainability”*, British Geomorphological Research Group, 17-20 August 2004, Glasgow, Scotland, UK.
- Terry, J.P.** and Kostaschuk, R.A. 2004 Extreme river behaviour in the Pacific Islands – case studies from Samoa and Fiji. *Proceedings of the Asia Pacific Association of Hydrology and Water Resources, 2nd Annual Conference*, 5-8 July 2004, Singapore.

- Terry, J.P.** 2003 Tropical cyclones and their impacts in the Fiji Islands. *Comprehensive Research Workshop on the Life Cycle of Typhoons*, 12-13 November 2003, Disaster Prevention Research Institute, Kyoto University, Kyoto, Japan.
- Terry, J.P.** and McGree, S. 2003 Climatology of tropical cyclones in the South Pacific. *International Conference on Managing Water Resources Under Climatic Extremes and Natural Disasters*, UNESCO International Hydrology Programme, 27 October - 1 November 2003, Sigatoka, Fiji.
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- Terry, J.P.** 2003 Climate extremes in the South Pacific Islands – illustrating tropical cyclones and droughts. *World Climate Change Conference*, 29 September - 3 October 2003, Moscow, Russia.
- Terry, J.P.**, Ollier, C.D. and Pain, C.F. 2002 Interpreting anomalous drainage and geomorphology of the Navua River, Fiji. *Australia and New Zealand Geomorphology Group, 10th Biennial Conference*, 30 September - 4 October 2002, Kalgoorlie, Australia.
- Terry, J.P.**, Kostaschuk, R.A. and Garimella, S. 2002 Measuring floodplain sedimentation rates in the Rewa river basin, Fiji, using Caesium-137. *South Pacific Applied Geoscience Commission, 31st Annual Conference*, 25-30 September 2002, Suva, Fiji.
- Terry, J.P.** and Nunn, P.D. 2001 Limestone geomorphology on Niue Island, a raised coral atoll. *5th International Conference on Geomorphology*, 23-28 August 2001, Tokyo, Japan.
- Cronin, S.J., Ferland, M.A. and **Terry, J.P.** 2000 Newly recognised volcanic and seismic hazards in western Kadavu, Fiji. In: Little, T. (Ed.), Program and Abstracts of the Geological Society of New Zealand and New Zealand Geophysical Society Joint Annual Conference, Wellington, December 2000. *Geological Society of New Zealand Miscellaneous Publication* 108A, pp.30.
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- Garimella, S. and **Terry, J.** 2000 Monitoring cyclone impacts on soil erosion by measuring radiocaesium (¹³⁷Cs) in riverbank sediment. Poster presentation at the *Pacific Islands Conference on Climate Change, Climate Variability and Sea Level Rise*, South Pacific Regional Environmental Programme, 17-21 April 2000, Rarotonga, Cook Islands.
- Terry, J.P.**, Kostaschuk, R.A. and Raj, R. 2000 Extreme climatic influences on fluvial systems of tropical Pacific islands. *Pacific Islands Conference on Climate Change, Climate Variability and Sea Level Rise*, South Pacific Regional Environmental Programme, 2-7 April 2000, Rarotonga, Cook Islands.
- Cronin, S.J., **Terry, J.P.** and Ferland, M. 1999 Debris avalanche, seismic, tsunami and volcanic hazards of Uluinabukelevu (Mt Washington), Kadavu, Fiji. *South Pacific Applied Geoscience Commission, 28th Annual Conference*, 23-29 October 1999, Nadi, Fiji.
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- Terry, J.P.** 1999 El Niño, rainfall patterns and hydrological drought in Fiji. *Second International Colloquium on Hydrology and Water Management in the Humid Tropics*, UNESCO International Hydrology Programme and CATHALAC, 22-26 March 1999, Panama City, Republic of Panama.
- Ollier, C.D. and **Terry, J.P.** 1998 The volcanic geomorphology of northern Viti Levu. *South Pacific Applied Geoscience Commission, 27th Annual Conference*, 26 September - 2 October 1998, Suva, Fiji.
- Raj, R. and **Terry, J.P.** 1998 The 1997/98 ENSO and droughts. *South Pacific Applied Geoscience Commission, 27th Annual Conference*, 26 September - 2 October 1998, Suva, Fiji.
- Terry, J.P.** 1998 Fluvial characteristics of island landscapes. Poster presentation at the *Inaugural START-Oceania Workshop*, 5-9 October 1998, The University of the South Pacific, Suva, Fiji.
- Terry, J.P.** and Raj, R. 1997 Some effects of tropical cyclones Gavin and June in 1997 on the terrestrial and coastal environments of the Fiji Islands. *South Pacific Applied Geoscience Commission, 26th Annual Conference*, 29 September - 4 October 1997, Nadi, Fiji.
- Terry, J.P.** and Raj, R. 1997 Changing flow regimes for small streams in western Viti Levu, Fiji: climate change or the effects of seasonal rainfall variability? *VIII Pacific Science Inter-Congress*, 13-19 July 1997, Suva, Fiji.
- Terry, J.P.** 1996 Erosion processes on hydrophobic soils after burning. Poster presentation at the *5th Annual IBSRAM PACIFICLAND network meeting on the 'Management of Sloping Lands in the South Pacific'*, 14-18 October 1996, Suva, Fiji.

- Terry, J.P.** 1990 Soil erosion by rainsplash: the effects of forest fires and land use changes. *Proceedings of the 2nd Portuguese National Conference on Environmental Quality*, Lisbon 1990, Portugal.
- Coelho, C.O.A., Shakesby, R.A., Walsh, R.P.D., **Terry, J.P.** and Ferreira, A.J.D. 1990 Response of surface and subsurface soil water movement and soil erosion to forest fires in *Eucalyptus globulus* and *Pinus pinaster* forest, Águeda Basin, Portugal. *Proceedings of the International Conference on Forest Fire Research*, November 1990, Coimbra, Portugal.
- Coelho, C.O.A., Shakesby, R.A., Walsh, R.P.D., Ferreira, A.J.D. and **Terry, J.P.** 1990 Forest land use changes in northern Portugal: effects on soil erosion rates and soil water dynamic changes. *Symposium on the interaction between agricultural systems and soil conservation in the Mediterranean Belt*. European Society for Soil Conservation, Lisbon, September 1990.