

THE UNIVERSITY OF THE SOUTH PACIFIC STAFF RESEARCH OUTPUTS FOR YEAR 2001

Refereed Journal Articles

Aregheore, E.M., 2001. Growth rate, apparent nutrient digestibility and some blood metabolites of Gwembe valley goats on rations based on crop residues in the hot dry season in Zambia. *Tropical Animal Health and Production*, **33**(4): 331-340.

Bridges, D. and Havea, R., 2001. A constructive version of the spectral mapping theorem. *Mathematical Logic Quarterly*, **47**(3): 299-304.

Jayaraman, T.K., 2001. Prospects of currency union in the South Pacific: results of a preliminary assessment. *Journal of Pacific Studies*, **25**(2): 173-201.

Jayaraman, T.K., 2001. Central bank independence in the Pacific Island countries: a case study of Vanuatu. *Public Organization Review*, **1**(2): 261-278.

Jayaraman, T.K., 2001. Currency management arrangements in Vanuatu: a case for currency board in Vanuatu. *Pacific Economic Bulletin*, **16**(2): 77-93.

Jayaraman, T.K., 2001. Efficacy of fiscal and monetary policies in the South Pacific Island countries. *Indian Economic Journal*, **48**(3): 61-71.

Johnson, D.T. and Mael, J., 2001. The use of group assessment to improve agribusiness training at the University of the South Pacific. *Journal of South Pacific Agriculture*, **8**(2): 13-22.

Jowitt, A., 2001. Unemployment in Vanuatu. *Development Bulletin*, **26**: 55-57.

Jowitt, A., 2001. Vanuatu political review 2000. *The Contemporary Pacific: A Journal of Island Affairs*, **13**(2): 557-563.

Jowitt, A. and Binihi, J., 2001. The commercialisation of kava in Vanuatu. *Pacific Health Dialog*, **8**(1): 29-37.

Koshy, K. and Maata, M., 2001. A study of tributyl tin (TBT) contamination of marine sediments in the major ports of Fiji. *The South Pacific Journal of Natural Science*, **19**: 1-4.

Koshy, K., Oltmans, S., *et al.*, 2001. Ozone in the Pacific tropical troposphere from ozonesonde observations. *Journal of Geophysical Research*, **106**(D23): 32,503-32,525.

Malaki, I. and Ullah, M.W., 2001. Agricultural tools and machinery used by Samoan subsistence farmers. *Journal of South Pacific Agriculture*, **8**(2): 23-31.

Nunn, P.D., 2001. On the convergence of myth and reality: examples from the Pacific Islands. *The Geographical Journal*, **167**: 125-138.

Nunn, P.D., 2001. Ecological crises or marginal disruptions: the effects of the first humans on Pacific Islands. *New Zealand Geographer*, **57**: 11-20.

Nunn, P.D. and Britton, J.M.R., 2001. Human-environment relationships in the Pacific Islands around AD 1300. *Environment and History*, **7**: 3-22.

Nunn, P.D. and Peltier, W.R., 2001. Far-field test of the ICE-4G (VM2) model of global isostatic response to deglaciation: empirical and theoretical Holocene sea-level reconstructions for the Fiji Islands, Southwest Pacific. *Quaternary Research*, **55**: 203-214.

Nunn, P.D., Thaman, R., Duffy, L., Finikaso, S., Ram, N. and Swamy, M., 2001. Age of a charcoal layer in fluvial sediments, Keiyasi, Sigatoka Valley, Fiji: possible indicator of a severe drought throughout the Southwest Pacific 4500-5000 years ago. *South Pacific Journal of Natural Science*, **19**: 5-10.

Ravaga, A. and Hunter, D., 2001. Shedding of taro (*Colocasia esculenta* (L) Schott) flower pollens in Samoa: an alternative approach. *Journal of South Pacific Agriculture*, **8**(2): 9-12.

South, G.R. and Veitayaki, J., 2001. Capacity building in the marine sector in the Pacific Island: the role of the University of the South Pacific's Marine Studies Programme. *Marine Policy*, **25**: 437-444.

Tyagi, A.P., 2001. Comparison of plant regeneration from root, shoot, and leaf explants in pigeonpea (*Cajanus cajan*) cultivars. *SABRAO Journal of Breeding and Genetics*, **33**(59): 59-71.

Young, A. and Johnson, D., 2001. The development of agroforestry research by the World Agroforestry Centre. *Journal of South Pacific Agriculture*, **8**(2): 33-36.

Non-Refereed Journal Articles

Ramoli, A. and Nunn, P.D., 2001. Naigani Island and its historical connections with Ovalau and Moturiki Islands: convergences between legend and fact. *Domodomo (Scholarly Journal of the Fiji Museum)*, **13**: 19-28.

Books Authored

Haynes, A., 2001. *Freshwater Snails of the Tropical Pacific Islands*. Suva: Institute of Applied Sciences, the University of the South Pacific, 116p.

Mohanty, M. and Singh, A., 2001. *Voluntarism and Government: Policy, Programme and Assistance*. New Delhi: VANI, 727p.

Tuivaga, V., 2001. *Learning in the Early Years*. Suva: Institute of Education, the University of the South Pacific, 33p.

Chapters in Books

Jowitt, A., 2001. Economic growth, urban crime and unemployment in developing economies: a case study from Vanuatu. In: Stierle, M.H. and Birringer, T. (eds.), *Economics of Transition: Theory, Experiences and EU Enlargement*. Berlin: Verlag für Wissenschaft und Forschung (VWF), pp.157-178.

Mohanty, M., 2001. Global change and borderless landscapes: a political geography of SAARC region. In: Gopalkrishnan, R. and Ahmed, A. (eds.), *Essays in Indian Geography: Continuity of Traditions*. New Delhi: Regency Publications, pp.238-278.

Nunn, P.D., 2001. Sea-level change in the Pacific. In: Noye, J. and Grzechnik, M. (eds.), *Sea-Level Changes and their Effects*. Singapore: World Scientific Publishing, pp.1-23.

Nunn, P.D., 2001. Demographic change: peopling of the Pacific Islands. In: Munn, R.E. (ed.), *Encyclopedia of Global Environmental Change*, volume 3. London: Wiley, pp.273-277.

Seeto, J., 2001. Contributions to various chapters. In: Chamberlain, T. and Titili, G., with contributions from Seeto, J. and Novaczek, I., *Seafood Processing, Community Fisheries Training Series 6*. Suva: the University of the South Pacific and Secretariat of the Pacific Community, 37p.

Teaero, T., 2001. Demystifying the abstract in art. In: Nicole, R. (ed.), *Niu Waves: Contemporary Writing from Oceania*. Suva: Pacific Writing Forum and Oceania Centre for Arts and Culture, pp.155-158.

Book Reviews

Jowitt, A., 2001. Review of Huffer, E. and So'o, A. (eds.), 2000, *Governance in Samoa*, Suva: Asia Pacific Press, IPS at the University of the South Pacific; A.C.T. Canberra. *Commonwealth and Comparative Politics*, **40**(2): 146-148.

Jowitt, A., 2001. Review of Levantis, T., 2000, *Papua New Guinea: Employment Wages and Economic Development*, Canberra: Asia Pacific Press. *Journal of South Pacific Law*, **5**. URL: <http://www.paclii.org/journals/fJSPL/vol05/13.shtml>

Conference Presentations - Oral

Havea, R., 2001. Approximating the numerical range. Paper presented at the CMA National Research Symposium in Banach Spaces, Canberra, Australia, 22-25 January 2001.

Jowitt, A., 2001. Economic growth, urban crime and unemployment in developing economies: a case study from Vanuatu. *International Network for Economic Research (INFER) 2001 Conference*, Erfurt, Germany, September 2001.

Jowitt, A., 2001. OSH regulation in the Pacific Islands: economic theory and empirical evidence. *Australasian Law Teachers Association Conference*, Port Vila, Vanuatu, July 2001.

Jowitt, A., 2001. Crime and unemployment in urban Vanuatu. *Australasian Law Teachers Association Conference*, Port Vila, Vanuatu, July 2001.

Prasad, S., 2001. Role of kinetics of oxidation reactions in analytical chemistry. *88th Indian Science Congress*, Indian Agricultural Research Institute (IARI), New Delhi, India, 3-7 January 2001.

Sharma, B. and Vanualailai, J., 2001. A solution to 3-dimensional findpath problem. *2001 New Zealand Mathematics Colloquium*, Massey University, Palmerston North, New Zealand, 3-6 December 2001.

Teaero, T., 2001. Old challenges, “new” response to educational issues in Kiribati. Paper presented at the *Colloquium of Pacific Island Educators on Re-thinking Pacific Education*, Institute of Education at the University of the South Pacific in collaboration with the School of Education at Victoria University, Suva, Fiji, 25-27 April 2001.

Teaero, T., Nabobo, U. and Deo, B., 2001. Twelve countries and a thousand cultures: inter-cultural understanding at the University of the South Pacific. A joint panel presentation at the Pacific Circle Consortium *25th Annual Conference on Interconnections: Exploring Values, Identity, Citizenship and other Educational Issues in the Pacific/Asia Region*, Christchurch College of Education, Christchurch, New Zealand, 26-28 September 2001.

Tsamenyi, M., Morrison, J. and Ram-Bidesi, V., 2001. Challenges and constraints in EEZ management in the Pacific Islands region. *UNESCO Conference on Oceans and Coasts at Rio+10*, Paris, France, 3-7 December 2001.

Tyagi, A.P., 2001. A comparison of flowering and propagule setting in mangroves of Fiji in a normal and a drought year. *International Symposium on Mangroves*, Tokyo, Japan, 10-12 July 2001.

Non-Refereed Conference Papers

Rao, G., 2001. An analysis of exports under SPARTECA Trade Agreement: the case of Fiji. In: Lee, S.M. and Bolzmann, L.A. (eds.), *E-Globalization in the New Millennium. Proceedings of Pan Pacific Conference XVIII*, Chile, 28-30 May 2001. Lincoln: Pan-Pacific Business Association, College of Business Administration, University of Nebraska, pp.513-515.

Veitayaki, J., 2001. Customary marine tenure and the empowerment of resource owners. In: South, G.R., Cleave, G. and Skelton, P.A. (compilers and editors), *Proceedings Pacem in Maribus XXVII, Oceans in the New Millennium: Challenges and Opportunities for the Islands*, Suva, Republic of the Fiji Islands, 8-12 November 1999. Constanta: International Oceans Institute, pp.148-150.

Seminars and Other Presentations

Teaero, T., 2001. Eutia Mai Nanaaa: looking inwards for solutions to contemporary educational challenges. A public lecture at the University of the South Pacific centre, Tarawa, Kiribati, 13 June 2001.

Teaero, T., 2001. Tirobaean te kairiiri raoi ae reke man te reirei raoi (Focusing on good leadership and the role of education). Keynote address at the celebration of the *22nd Anniversary of Independence of Kiribati*, Majuro, Marshall Islands, 14 July 2001.

Teaero, T., Nabobo, U. and Deo, B., 2001. Varied notions of knowledge and values: implications on teaching and learning. School of Humanities *Brown Bag Seminar*, the University of the South Pacific, Suva, Fiji, 29 October 2001.

Workshop Presentations

Ebenebe, A.A., 2001. Pest and disease management in plant nurseries. Paper presented at a regional workshop on nursery management, the Institute for Research, Extension and Training in Agriculture (IRETA), the University of the South Pacific, Alafua Campus, Samoa, 27-31 August 2001.

Thaman, R.R., Mathias, A. and Bulai, S., 2001. Trees outside forests in the Pacific Islands. Presented at the *Regional Forestry Workshop on Trees Outside Forests*, Raffles Gateway Hotel, Nadi, Fiji, 10-14 December 2001.

Professional and Technical Reports

Jowitt, A., 2001. Migration, unemployment and urban crime in Vanuatu. *University of the South Pacific School of Law Occasional Papers Series*. The University of the South Pacific School of Law, issue 9, 26p.

Jowitt, A. and Newton-Cain, T., 2001. Law reform in Fiji Islands: a commentary on the proposed reforms relating to rape and HIV/AIDS. *University of the South Pacific School of Law Occasional Papers Series*. The University of the South Pacific School of Law, issue 10, 23p.

Nunn, P.D., 2001. Shoreline erosion and algal deposition around Eluvuka (Treasure) Island, Mamanuca Group, western Fiji, with comments on nearby islands. *IAS Environment Studies Report*. Suva: Institute of Applied Science, the University of the South Pacific, no.104.

Seeto, J., 2001. An annotated checklist of the living and fossil cowries (Gastropoda: Cypraeidae) of Fiji. *Marine Studies Programme Technical Report*. Suva: Marine Studies Programme, the University of the South Pacific, no.1, 32p.

Umar, M., 2001. *FAO-Small Holder Participation in Export-Oriented Production*. Studies carried out in Samoa, Fiji, Tonga and Solomon Islands.

Veitayaki, J., 2001. *Training of Trainers in the Planning and Facilitation of Community Participatory Learning and Action Workshops for Natural Resource Use Planning in East Timor*.

Magazine Articles

Koshy, K., 2001. New Centre for Environment and Sustainable Development. *USP Beat*, volume 1, issue 16.

Koshy, K., 2001. New educational centre for the Pacific. *Tiempo: Global Warming and the Third World*. Sweden: Stockholm Environment Institute and UK: International Institute for Environment and Development, issue 40/41 September.

Newsletter Articles

Koshy, K., 2001. El-nino and sugar production in Fiji. *Newsletter of the Asia Pacific Network for Global Change Research*, volume 8, number 4, October issue.

Prasad, S., 2001. Small streams as good remedy of water pollution. *Chemistry in the Pacific Islands*, issue 16, pp.10-12.

Prasad, S., 2001. Propylene oxide: cleaner, greener industrial chemical. *Chemistry in the Pacific Islands*, issue 16, p.7.

Working Papers

Jayaraman, T.K., 2001. Financial sector reforms in the South Pacific island countries. Economics Department, School of Social and Economic Development, University of the South Pacific, Suva. *Working Paper* 2001/6, 43p.

Jayaraman, T.K. and Andeng, J., 2001. Vanuatu's monetary sector: demand for money and role of monetary policy. School of Economics, the University of the South Pacific, Suva. *Working Paper* 2001/03.

Creative Works

Teaero, T.F., 2001. "Anti muse". Poem. In: Nicole, R. (ed.), *Niu Waves: Contemporary Writing from Oceania*. Suva: Pacific Forum and Oceania Centre for Arts and Culture, p.25.

Teaero, T.F., 2001. Three ink drawings "Fish eyes flower", "Eye in the sky", "Eel follows she". *Journal of the South Pacific Association for Commonwealth Literature and Language Studies*, nos.50/51, pp.58, 60, 62.

Training Manuals

Heeraman, J., 2001. *Catering for Children with Special Learning Needs: Teachers' Manual*. Suva: Institute of Education, the University of the South Pacific, 108p.

Veitayaki, J., 2001. *Our Ocean and Why it should be Managed*. Suva: Women Fisheries Network in association with the Marine Studies Programme.

Others - Videos

Umar, M., 2001. *Rural Cooperatives*.

Umar, M., 2001. *Small Businesses in the Pacific*.

NOTES:

The references in bold represent those research outputs for which further information is required for the reference details to be complete.

The faculty structure did not exist at USP during 2001-2005. Staff were classified into Schools during this period.