

THE UNIVERSITY OF THE SOUTH PACIFIC STAFF RESEARCH OUTPUTS FOR YEAR 2002

Refereed Journal Articles

Athanasou, J.A. and Torrence, J., 2002. Career development in the Pacific Islands: key issues influencing educational and vocational achievement. *International Journal for Educational and Vocational Guidance*, **2**: 7-20.

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 economics: policy and development implications. *Asia Pacific Journal on Environment and Development*, **9**(1&2): 142-165.

Jayaraman, T.K. and Hou, R., 2002. Central bank coordination and cooperation in the South Pacific. *Development Bulletin*, Australian Development Network, issue 60, pp.72-75.

Jayaraman, T.K. and Ward, B., 2002. Demand for money in Samoa. *Pacific Economic Bulletin*, **17**(1): 99-112.

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Khan, E.A., Khan, M.G.M. and Ahsan, M.J., 2002. Optimum stratification: a mathematical programming approach. *Calcutta Statistical Association Bulletin*, special issue, **52**: 323-333.

Khan, S., Tyagi, A.P. and Jokhan, A., 2002. Sex ratio in Hawaiian papaya (*Carica papaya* L.) variety "Solo". *South Pacific Journal of Natural Sciences*, **20**: 22-24.

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Sharma, B., 2002. Solving the three-dimensional Findpath Problem via Liapunov's method. *The South Pacific Journal of Natural Science*, **20**: 48-55.

Talbert, P.B., Masueli, R., Tyagi, A.P., Comai, L. and Henikoff, S., 2002. Centromeric localization and adaptive evolution of an Arabidopsis histone H3 variant. *The Plant Cell*, **14**: 1053-1066.

Terry, J.P., 2002. Water resources, climate variability and climate change in Fiji. *Asia Pacific Journal on Environment and Development*, **9**(1&2): 86-120.

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Tyagi, A.P., 2002. Chromosomal pairing and pollen viability in *Rhizophora mangl* and *Rhizophora stylosa* hybrids. *South Pacific Journal of Natural Sciences*, **20**: 1-3.

Tyagi, A.P., 2002. Cytogenetics and reproductive biology of some Bele (*Abelmoschus manihot* Linn. Medic., subspecies manihot) cultivars. *South Pacific Journal of Natural Sciences*, **20**: 4-8.

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Seeto, J., 2002. It is the scientific name that makes the organism! *Pacifica* (journal of the Pacific Islands Study Circle), **40**(158): 26.

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Books, Journals and Proceedings Edited

Prasad, S. (ed.), 2002. *Proceedings of the Regional Chemistry Symposium*. Symposium held at the University of the South Pacific, Suva, Fiji, 8-9 July 2002. Suva: The Chemical Society of the South Pacific.

Chapters in Books

Early, R., 2002. Lamén. In: Lynch, J., Ross, M. and Crowley, T., *The Oceanic Languages*. Curzon Press, pp.671-680.

Early, R., 2002. Niufo'ou. In: Lynch, J., Ross, M. and Crowley, T., *The Oceanic Languages*. Curzon Press, pp.848-864.

Koshy, K., Khurma, J., et al., 2002. Contributions to Major Environmental Issues – an outreach to the South Pacific. A 183 compendium in which 4 sections have been contributed by the Pacific Centre for Environment and Sustainable Development. Suva: Chemical Society of the South Pacific. TITLES OF THE CHAPTERS AND THEIR PAGE NUMBERS

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Early, R., 2002. Review of Fitzpatrick, J.M. (ed.), 2000, *Endangered Peoples of Oceania*, Westport: Greenwood Press. *Journal of Multilingual and Multicultural Development*, **23**(6): 561-564.

Nunn, P.D., 2002. Review of Arnberger, H. and Arnberger, E., 2001, *The Tropical Islands of the Indian and Pacific Oceans*, Vienna: Austrian Academy of Sciences Press. *The Geographical Journal*, **168**: 280-281.

Conference Presentations - Oral

Halafihi, T. and Prasad, S., 2002. A novel catalytic kinetic spectrophotometric method for determination of copper (II) [PP-5]. *Regional Chemistry Symposium*, the University of the South Pacific, Suva, Fiji, 8-9 July 2002.

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Jowitt, A., 2002. A framework for HIV law reform. *Pacific Regional Youth Congress on HIV/AIDS*, Nadi, Fiji, September 2002.

Khan, M.G.M., 2002. An optimum allocation in multivariate stratified sampling. *Hawaii International Conference on Statistics and Related Fields*, Hawaii, 5-9 June 2002.

Koshy, K., 2002. The role of research in environmental pollution and toxicity studies in the Pacific: a few project profiles. *CSSP Symposium: Environment and Chemical Education*, Suva, Fiji, 8-9 July 2002.

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Prasad, S., 2002. Kinetics of metal catalysis in ligand exchange reaction of cyanide in hexacyanoferrate(II) by *N*-methylpyrazinium ion [O 3.18: metals in catalysis]. *35th International Conference on Coordination Chemistry (ICCC-35)*, the University of Heidelberg, Germany, 21-26 July 2002.

Prasad, S., 2002. Recent development in kinetic methods of analysis in the South Pacific region [OP-16]. Presented at the *Regional Chemistry Symposium*, the University of the South Pacific, Suva, Fiji, 8-9 July 2002.

Reddy, M., Mohanty, M. and Naidu, V., 2002. Impediments and growth dynamics of urban informal sector: a case study of Fiji's urban informal sector. Paper presented at *Dev Net Conference*, Massey University, Palmerston North, New Zealand, 4-8 December 2002.

Rigamoto, R., Tyagi, A.P. and Thaman, R., 2002. Ethnobotanical importance of the coastal plant species of Rotuma Island. *First Regional Chemistry Symposium of the Chemical Society of the South Pacific (RCS-I)*, Suva, Fiji, 8-9 July 2002.

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Veitayaki, J., Tawake, A. and Aalbersberg, W., 2002. Combining traditional cultural values and science for effective marine resources management in Fiji. Paper presented at the conference on *Sustaining Seascapes: The Science and Policy of Marine Resource Management*, American Museum of Natural History, New York, United States of America, 7-8 March 2002.

Non-Refereed Conference Papers

Jowitt, A., 2002. Effective responses to regional issues – a Pacific perspective on HIV. *Global Alliance for Justice Education Regional Conference*, Sydney, Australia, December 2002. Global Alliance for Justice Education. (was available online)

Mohanty, M., 2002. Human capital resource outflow and development in Fiji Islands. In: Lee, S.M. and Chongsithiphol, S. (eds.), *E-Globalisation in the Pacific Age, Proceedings of Pan-Pacific Conference XIX*, Bangkok, Thailand, 29-31 May 2002. **PLACE OF PUBLICATION AND NAME OF PUBLISHER** pp.363-365.

South, G.R. and Veitayaki, J., 2002. Issues impacting tropical seas, with specific reference to small island developing states: opportunities for European cooperation. In: Rolston, S. (ed.), *Proceedings Pacem in Maribus XXVIII 2000, The European Challenge*, Hamburg, Germany, 3-6 December 2000. Halifax: International Ocean Institute, pp.54-63.

Conference Presentations – Posters

Jowitt, A., 2002. Creating a framework for legal change in the South Pacific. *XIV International AIDS Conference*, Barcelona, Spain, July 2002.

Seminars and Other Presentations

Early, R., 2002. Work ‘n progress: a cultural corpus; an acrolectal active/passive; an apico-labial allophone; a special script; and losing languages. Presentation to the School of Language Studies, Massey University, Palmerston North, New Zealand, 14 October 2002.

Jowitt, A., 2002. Reconceptualising labour markets in the South Pacific. Presented at the Judge Institute of Management, University of Cambridge, Cambridge, United Kingdom, 8 January 2002.

Ramachandran, V., 2002. Optical rain sensor. Presented at the *2002 Forum on the Results of the POST-PARTERS Experiments*, Chiyoda Media Plaza, Tokyo, Japan, 22 February 2002.

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Newsletter Article

Prasad, S., 2002. RDX: A deadly chemical. *Chemistry in the Pacific Islands*, issue 17, pp.20-21.

Professional and Technical Reports

Cumming, R.L., Aalbersberg, W.G.L., Lovell, H.S. and Vuki, V.C., 2002. Coral reefs of the Fiji Islands: current issues. *IAS Technical Report*. Suva: Institute of Applied Sciences, the University of the South Pacific, no.2002/11, 15p.

Koshy, K., 2002. *USP WSSD Team Report on the World Summit on Sustainable Development*, 26 August – 4 September 2002. A 15-page comprehensive report with contributions from team members, November 2002.

Koshy, K. and Buliruarua, L., 2002. Full report on the 2nd *Climate Change Roundtable* – report of major climate change research projects currently active in the region, December 2002.

Koshy, K. and Wickham, F., 2002. Capacity building for the sustainable use and management of natural resources and the environment in the Pacific region through strengthened coordination and implementation of training, research and education. A WSSD Type 2 initiative, *World Summit on Sustainable Development*, Johannesburg, August to September 2002.

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Tebano, T., 2002. *Anadara* Gray, 1847 of Kiribati and Fiji: length-height-biomass relationships. *MSP Technical Report*. Suva: Marine Studies Programme, the University of the South Pacific, no.2002/3, 38p.

Tebano, T. and Riinga, T., 2002. Some deep water eels of Tarawa Atoll, Kiribati: the *Gymnothorax* sp. (Muraenidae) and their spawning season. *MSP Technical Report*. Tarawa: Atoll Research Programme, Marine Studies Programme, the University of the South Pacific, no.2002/2, 15p.

Veitayaki, J., Resture, A. and Evans, N., 2002. *Evaluation Study Report on The Third Country Training Programme on the Sustainable Use of Coral Reef Fisheries Resources with Special Emphasis on Shellfish Seed Production and Release in the Kingdom of Tonga*.

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Veitayaki, J. and Nailolo, T., 2002. *Na Cava na i Vakarau ni kena Vakayagataki Vakayalomatua nai Qoliqoli*. Translation of *What is the Code of Conduct for Responsible Fisheries* to Fijian. Rome: FAO/International Ocean Institute.

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Jayaraman, T.K. and Hou, R., 2002. Central bank cooperation and coordination in the Pacific Islands. School of Economics, the University of the South Pacific, Suva. *Working Paper* 2002/02.

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Rao, G., 2002. Fiji exports to Australia and New Zealand. School of Economics, the University of the South Pacific, Suva. *Working Paper Series*, 2002/5.

Creative Works

Teaero, T.F., 2002. Four colour original works of art. *Journal of the South Pacific Association for Commonwealth Literature and Language Studies*, 52(1): 128-135.

Seeto, J., 2002. Murex shells of Fiji. Text for *Philatelic Bureau Bulletin*, no.183. Philatelic Bureau of Fiji. Stamp released on 20 August 2002, 2 pages.

Training Manuals

King, M., Lambeth, L., Sauni, S., Vuki, V., Vunisea, A., Veitayaki, J. and Chamberlain, T., 2002. *Fisheries Management Community Fisheries Training Pacific Series 8*. Training materials for Pacific community fisheries. Suva: the University of the South Pacific Marine Studies Programme and Secretariat of the Pacific Community Coastal Fisheries Programme.

Other Outputs - Videos

Umar, M., 2002. *The Recovery of Taro Industry in Samoa.*

Umar, M., 2002. *Cyclones in the South Pacific.*

Umar, M., 2002. *Vanuatu Regional Study Visit.*

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.