



News and outputs for the year 2008

NOTE FROM THE NEWSLETTER EDITOR

Welcome to the South African Geographers' 2009 annual Newsletter, reporting on the calendar year 2008! Geographers across the country are thanked for providing their departmental news, including appointments for 2008, lists of publications (2008-dated), completed masters' theses and doctoral dissertations. Our Society thanks Prof. Maano Ramutsindela, co-editor of the *South African Geographical Journal*, for championing the Routledge negotiating process. I am glad to report that Gustav Visser, the Society President, has indicated that Routledge will publish our journal as from 2009. I join him in thanking Maano for managing and negotiating this highly complex process on behalf of the Society. The Society now publishes an academic journal that is ISI accredited, as well as produced and marketed through arguable the most respected publisher of academic geography and related disciplines' research. Also included in the Newsletter is a list of SSAG Council members and portfolios for 2008-2009.

This edition of the Newsletter is my final version and I pass the task of producing the next addition to my soon-to-be-appointed successor. I wish all geographers the best for the rest of 2009; thank you for all your support and correspondence – without your contributions our newsletter would not exist!

Dr. Sanette Ferreira, University of Stellenbosch.

**CONFERENCE ALERT
2009**

**GEOGRAPHY
FOR A BETTER WORLD**

Hosted by
Department of Geography
University of South Africa
for
**THE SOCIETY OF
SOUTH AFRICAN GEOGRAPHERS**

Student Conference
30 August to 1 September 2009
Society Conference
1 to 3 September 2009

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SOCIETY COUNCIL MEMBERS AND PORTFOLIOS 2008-2009

1. NAME	AFFILIATION	PORTFOLIO
Prof. G.E. Visser	Department of Geography, Free State University	President Marketing
Prof. B. Maharaj	Dept. of Geography, University of KwaZulu Natal	Past President Special Projects Outreach
Prof. L.M. Magi	Dept. of Geography University of Zululand	Ex Officio: Newsletter IGU Special Projects International Contacts/IGU
Prof. M. Ramutsindela	Dept. of Environmental and Geographical Science	Co-editor journal Constitutional matters
Prof. P. Sumner	Department of Geography	Co-editor Journal
Mr. K.F. Mearns	UNISA, Department of Environmental Sciences	Gender Capacity Building Awards
Dr. A.C. Harmse	UNISA, Dept of Geography	Website Liaison Hon. Treasurer
Prof. C. Seethal	University of Fort Hare, Dept of Geography and Environmental Studies	Hon. Secretary
Dr. P.Q. Siyongwana	N.M.M. University, Geography Department	Education
Dr. S. Oldfield	Dept. of Environmental and Geographical Science	No specific portfolio
Dr. T. Nzama	University of Zululand	No specific portfolio
Dr. S. Ferreira	Univ. of Stellenbosch, Department of Geology, Geography and Environmental Studies	Newsletter
Dr. S. Narsiah	Dept. of Geography, University of KwaZulu Natal, Pietermaritzburg Campus	Education
Prof. R.J. Davies	Dept. of Environmental and Geographical Science	Ombudsman
Ms. S. Brits	Dept .of Geography, Free State University	Administrative Officer

Portfolio's not on the list above: Election Officer (temporary appointment Gustav Visser)

CAPE TOWN UNIVERSITY

Department of Environmental & Geographical Science

2008-dated publications

- Burrough, S. & Thomas, D.S.G., 2008: Late quaternary lake-level fluctuations in the Mababe depression: middle Kalahari palaeolakes and the role of Zambezi inflows. *Quaternary Research*, 69(3): 388-403.
- Carden, K.J., Armitage, N., Winter, K., Sichone, O. & Rivett, U., 2008: The management of grey-water in the non-sewered areas of South Africa. *Urban Water Journal*, 5(4): 329-343.
- Eccles, N., Hamann, R. & De Jongh, D., 2008: Corporate accountability in South Africa: An evaluation of sectoral differences. In: Utting, P., Clapp, J. (eds.), *Corporate accountability and sustainable development*. Oxford University Press, London, 153-173.

- Eckardt, F.D., Bryant, R.G., McCulloch, G., Spiro, B. & Wood, W.W., 2008: The hydrochemistry of a semi-arid pan basin case study: Sua Pan, Makgadikgadi, Botswana. *Applied Geochemistry*, 23: 1563-1580.
- Hachigonta, S., Reason, J.C. & Tadross, M., 2008: An analysis of onset date and rainy season duration over Zambia. *Theoretical and Applied Climatology*, 91(1-4): 229-243.
- Hamann, R. & Boulogne, F., 2008: Partnerships and cross-sector collaboration. In Hamann, R., Woolman, S., Sprague, C. (eds.), *The business of sustainable development in Africa*. Unisa Press, Pretoria, 54-82.
- Hamann, R., 2008: Who is responsible for the squatter camps?: Mining companies in South Africa and the challenge of local collaboration. In Hamann, R., Woolman, S., Sprague, C. (eds.), *The business of sustainable development in Africa*. Unisa Press, Pretoria, 189-207.
- Hamann, R., Kambalane, D., de Cleene, S. & Ndlovu, N., 2008: Towards collective business action and cross-sector collaboration in responsible competitiveness clusters in southern Africa. *Development Southern Africa*, 25(1): 99-117.
- Hamann, R., Khagram, S. & Rohan, S., 2008: South Africa's charter approach to post-apartheid economic transformation: collaborative governance or hardball bargaining. *Journal of Southern African Studies*, 34(1): 21-37.
- Hamann, R., Woolman, S., Sprague, C. (eds.), 2008: *The business of sustainable development in Africa*. Unisa Press, Pretoria.
- Hamman, R., 2008: Introducing corporate citizenship. In Hamann, R., Woolman, S., Sprague, C. (eds.), *The business of sustainable development in Africa*. Unisa Press, Pretoria, 1-35.
- Hauck, M., 2008: Rethinking small-scale fisheries compliance. *Marine Policy*, 32: 635-642.
- Kapelus, P., Hamann, R. & O'Keefe, E., 2008: Learning from the experience of AngloGold Ashanti in the Democratic Republic of Congo. In Hamann, R., Woolman, S., Sprague, C. (eds.), *The business of sustainable development in Africa*. Unisa Press, Pretoria, 116-131.
- Leary, N., Adejuwon, J., Bailey, W., Barros, V., Batima, P., Caffera, R.M., Chinvanno, S., Conde, C., De Comarmond, A., De Sheminin, A., Downing, T., Eakin, H., Nyong, A., Opondo, M., Osman-Elasha, B., Payet, R., Pulhin, F., Pulhin, J., Ratnisiri, J., Sanjak, E.-A., Von Maltitz, G., Wehbe, M., Yin, Y., Ziervogel, G., 2008: For whom the bell tolls: Vulnerabilities in a changing climate. In Leary, N., Conde, C., Kulkami, J., Nyong, A. (eds.), *Climate change and vulnerability*. Earthscan, London, 3-20.
- Mammon, N., 2008: Urban land use regulation in the context of developmental local government. In: Van Donk, M., Swilling, M., Pieterse, E., Parnell, S. (eds.), *Consolidating developmental local government*. University of Cape Town Press, Cape Town, 405-421.
- Minty, Z., 2008: The freedom to dream. *Art South Africa*, 6(3): 69-72.
- Nathan, L., 2008: The challenge of local ownership of SSR: From donor rhetoric to practice. In: Donais, T. (ed.), *Local ownership and security sector reform*. LIT Verlag, 19-36.
- Oldfield, S. & Zweig, P., 2008: Echos passes du present: Les conflits d'attribution de logements a Old et New Crossroads. In Dubresson, A., Jaglin, S. (eds.), *Le Cap apres l'apartheid*. Karthala, Paris, 45-67.
- Oldfield, S., 2008: Case Study 5: Service-learning in Geography. In: *Service-learning in the disciplines: Lessons from the field*. Council on Higher Education, Pretoria, 85-102.
- Oldfield, S., 2008: Participatory mechanisms and community politics: Building consensus and conflict. In: Van Donk, M., Swilling, M., Pieterse, E., Parnell, S. (eds.), *Consolidating developmental local government*. University of Cape Town Press, Cape Town, 487-500.

- Oldfield, S., 2008: Who's serving whom? Partners, process and products in service-learning projects in South African Urban Geography. *Journal of Geography in Higher Education*, 32(2): 269-285.
- Parnell, S. & Boule, J., 2008: Utopie urbaine et gouvernement local: La strategie de developpement economique et humain au Cap. In Dubresson, A., Jaglin, S. (eds.), *Le Cap apres l'apartheid*. Karthala, Paris, 45-67.
- Parnell, S., 2008: Urban governance in the south: The politics of rights and development. In: Cox, K.R., Low, M., Robinson, J. (eds.), *The SAGE handbook of political geography*. Sage, London.
- Pieterse E., Parnell S., Swilling M, van Donk M., 2008 Consolidating developmental local government. In van Donk M, Swilling M, Pieterse E, Parnell S (eds) Consolidating Developmental Local Government. University of Cape Town Press, Cape Town, 1-23.
- Skuse, A. & Cousins, T., 2008: Getting connected: the social dynamics of urban telecommunications access and use in Khayelitsha, Cape Town. *New Media & Society*, 10(1): 9-26.
- Suarez, P., Ching, F., Ziervogel, G., Lemaire, I., Turnquest, D., De Suarez, J.M. & Wisner, B., 2008: Video-mediated approaches for community-level climate adaptation. *IDS Bulletin-Institute of Development Studies*, 39(4): 96-104.
- Van Donk, M., Swilling, M., Pieterse, E., Parnell, S. (eds.), 2008: *Consolidating developmental local government*. University of Cape Town Press, Cape Town.
- Williams, S. & Kepe, T., 2008: Discordant harvest: debating the harvesting and commercialisation of wild buchu (*agathosma betulina*) in Elandskloof, South Africa. *Mountain Research and Development*, 28(1): 58-64.
- Ziervogel, G. & Drimie, S., 2008: The integration of support for HIV and AIDS and livelihood security: district level institutional analysis in southern Africa. *Population Environment*, 29(3-5): 204-218.
- Ziervogel, G. & Taylor, A. 2008: Feeling stressed: integrating climate adaptation with other priorities in South Africa. *Environment*, 50(2): 32-41.
- Ziervogel, G., Nyong, A., Osman-Elasha, B., Conde, C., Cortes, S., Downing, T., 2008: Household food security and climate change: Comparisons from Nigeria, Sudan, South Africa and Mexico. In: Leary, N., Conde, C., Kulkami, J., Nyong, A. (eds.), *Climate change and vulnerability*. Earthscan, London, 320.

Completed theses and dissertations

- Ayorekire, J., 2008: Planning for sustainable tourism development in the Lake Victoria shore region of Uganda: a physical environmental planning approach. Unpublished thesis, University of Cape Town.
- Hagemann, K.E., 2008: Mesoscale wind atlas of South Africa. Unpublished thesis, University of Cape Town.
- Johnson, P.A., 2008: The uptake and utility of seasonal forecasting products for commercial maize farmers in South Africa. Unpublished thesis, University of Cape Town.
- Lennard, C.J., 2008: Identification and simulation of extreme precipitation using a computationally inexpensive methodology. Unpublished thesis, University of Cape Town.
- Mackellar, N.C., 2008: Simulating the effects of land-surface changes on southern Africa's climate. Unpublished thesis, University of Cape Town.
- Rink, B., 2008: Village people: quartering De Waterkant in discourse and bricks. Unpublished thesis, University of Cape Town.

FORT HARE UNIVERSITY

Geography and Environmental Science

Departmental news

The Department had its official opening of its post-graduate computer laboratory in October 2008. The opening was attended by a number of SSAG members including Prof Mike Meadows, Prof Brij Maharaj, Prof Roddy Fox, Prof Kate Rowntree, Prof Vincent Kakembo, Dr Srimi Pillay, Dr Pakama Sigonyama and staff members from different Faculties of the University of Fort Hare. Professor Gideon de Wet (Executive Dean of Research: Fort Hare) officially opened the postgraduate computer laboratory on behalf of the University's Vice-Chancellor, Dr. M. Tom.

Dr. Luvuyo Wotshela visited Oxford University to finalise two book publications with Prof William Beinart, and Dr. Werner Nel spent six weeks on Marion Island as part of the SANAP/NRF Geomorphology and Climate change project. Prof Cecil Seethal attended a conference at the Institute of Research and Development (IRD) in Bondy, Paris in July 2008 as part of on-going research on the territorial dynamics of the peripheries of six metropolitan areas of the South (viz., Hanoi, Vietnam; Shanghai; Abidjan, Ivory Coast; Mexico City; Lima, Peru; and Cape Town).

Academic visits:

The following academics visited the Department and presented papers/lectures:

Professor Myriam Houssay-Holzchuch (Department of Geography, Ecole Normale Supérieure, Lyon, France) presented a seminar entitled, "Public Spaces in Cape Town – A Socio-spatial Perspective". (7-8 February 2008). (Alice Campus).

Professor William Beinart (Rhodes Professor of Race Relations, Oxford University) presented a seminar entitled, "Land Reform in South Africa and Zimbabwe". (20th March 2008). (Alice Campus)

Professor Mike Meadows (Professor and Head: Department of Geography, University of Cape Town, and Vice-President of the IGU) visited the East London and Alice Campuses in October 2008 and presented a guest lecture to the Geography postgraduate students in East London. His presentation was entitled, 'Back to the Future': A Geographer's View of the Changing Southern African Environment on the Quaternary environment of the Western Cape.

Conference presentations:

Mubiwa, B and Nel, W. *Impact of the Zimbabwean Land Redistribution Programme on Ecological Dynamics at Makarara Farm: Evidence from Multi-temporal Remotely Sensed Imagery*. Paper presented at the (South African Environmental Observation Network) GSN (Graduate Student Network) Indibano, August 2008, Cape Town.

Nel, W., Boelhouwers, J. and Zilindile, M.B *The effect of synoptic weather systems on soil temperatures on sub-Antarctic Marion Island: Exploring the temporal scale measurements necessary for detecting climate change in a diurnal frost environment*. Paper presented at the South African Association for Geomorphologists, 27-28 September 2008, Pretoria

Nel, W and Sumner, P.D. Rainfall attributes in the KwaZulu-Natal Drakensberg and its geomorphic implications. Paper presented at the South African Association for Geomorphologists, 27-28 September 2008, Pretoria

Nel, W., Boelhouwers, W., Meiklejohn, K.I., van der Merwe, B.J. and Zilindile, M.B. *Sub-surface temperatures on subantarctic Marion Island: Preliminary synoptic scale observations and the implications for climate change*. Paper presented at the Geobiology Field Workshop 16-25 August 2008, Abisko Research Station, Northern Sweden.

- Seethal, C.E.P. *Globalizing cities of the South*. Paper presented at the Conference on Territorial Dynamics in the Peripheries of Metropolitan Areas of the South, 7-9 July 2008, Bondy, Paris, France.
- Zhou, L. and Seethal, C. *Tourism policy, biodiversity conservation and management: A case study of Kruger National Park, South Africa*. Paper presented at the Biodiversity Conference, University of Nairobi, 11-13 September 2008. Nairobi, Kenya.

2008-dated publications

- Nel, W. & Sumner, P.D., 2008: Rainfall and temperature attributes on the Lesotho-Drakensberg escarpment edge, Southern Africa. *Geografiska Annaler*, 90(1), 97-108.
- Nel, W., 2008: Observations on daily rainfall events in the KwaZulu-Natal Drakensberg. *Water SA*, 32, 271-274.
- Nel, W., 2008: Rainfall trends in the KwaZulu- Natal Drakensberg region of Southern Africa during the Twentieth Century. *International Journal of Climatology*, DOI 10.1002/joc.1814. <http://www3.interscience.wiley.com.ez.sun.ac.za/cgi-bin/fulltext/121566691/PDFSTART>

Completed theses and dissertations

- Zhou, L., 2008: Tourism policy, biodiversity conservation and management: A case study of Kruger National Park, South Africa. Unpublished dissertation, University of Fort Hare.
- Okecha, K., 2008: Regime politics and service delivery in the Cape Town Unicity Council. Unpublished Masters thesis, University of Fort Hare.
- Maanela, T.M., 2008: Community-based ecotourism for conservation and Development in Lesotho: The case of Ha-Kome. Unpublished M Phil thesis, University of Fort Hare.

Student numbers (2008)

All undergraduate	= 100
BSc Honours in Geography	= 7
M Phil in Environmental Studies	= 17
M Sc Geography	= 6
Ph D Geography	= 5

FREE STATE UNIVERSITY *Department of Geography*

Departmental news

The growth in undergraduate student numbers which was a feature of 2007 continued into 2008. Environmental issues appear to be driving a new generation of undergraduates to register for degrees in Geography. The Department continues to draw students in roughly equal proportions from both the natural sciences and the humanities. On the GIS front, the laboratory has reached its maximum capacity with 39 computers. The Department holds a site license for 500 GIS seats, thus accommodating an increasing number of users from outside Geography. Data holdings were increased to more than 600 Gb with the addition of more aerial photographs, satellite images and digital maps of southern Africa. Another significant trend is the number of Honours and Masters students undertaking research dissertations where aspects of environmental management form the focus. Three students were registered for PhDs in 2008.

Dr Tabukeli Ruhiiga joined the Qwaqwa campus as a Lecturer at the start of 2008. Dr Ruhiiga's research focus is on land resources, settlement location, and rural poverty. He is also working on comparative profitability in the small business sector. Staff were active in a number of diverse research directions. Prof Gustav Visser received funding from the NRF's Focus Area Research Grants Program to support research into second home development in South Africa. This grant made possible research visits to universities in

South Africa and abroad. Activities included presentation of a lecture series on identity-based consumption and urban morphological change at the University of Stellenbosch, and the presentation of a paper at the Annual Conference of the Royal Geographical Society in London. Prof Visser was, for two months, a research visitor at the universities of Umeå (Sweden) and Oulu (Finland), where he presented seminars to doctoral students and departmental staff on South African second home development, urban tourism in Africa, and tourism-led gentrification. He also visited Berlin, Helsinki and Stockholm to gain greater insight into the outcomes of state-led urban regeneration. In October, Prof Visser and Prof Lochner Marais launched an edited collection of research essays entitled: *Spatialities of Urban Change: Selected Themes from Bloemfontein at the Beginning of the 21st Century*.

Prof Peter Holmes presented a paper at the Third International Southern Deserts Conference in the Kalahari in September. This was organized by Prof David Thomas of Oxford, a leading international authority on southern hemisphere deserts. He and Prof Holmes have undertaken collaborative research investigating dryland landforms in the Western Free State. The Kalahari conference was attended by researchers from South Africa, The United Kingdom, Australia and Chile. Prof Holmes and Dr Charles Barker attended the Southern African Association of Geomorphologists Biennial Conference at the University of Pretoria in September. Prof Holmes presented a paper on aeolian erosion on Free State drylands, and Dr Barker presented a paper on the use of geomorphometric variables as an aid to water allocation management in non-perennial catchments. Mr Alex Adjei attended the Provincial Tourism Conference in Bloemfontein, where he presented two papers on aspects of tourism in the Free State. Honours student Leroy du Plessis was invited by the SA Akademie vir Wetenskap en Kuns to present findings from his research project on the use of remote sensing to determine subsurface flowlines at the Akademie's student symposium at the University of Johannesburg.

With regard to community service, Dr Barker presented short courses in GIS to the staff members of the Maluti A Phophung Municipality, the Department of Economic, Environmental Affairs and Tourism (Free State Province,) and the Centre for Disaster Management. He was also elected a member of the *Suid-Afrikaanse Akademie vir Wetenskap en Kuns*. Ms Sheila Vrahimis was appointed by the Provincial Member of the Executive Council (MEC) for Sport, Science and Culture to the Free State Geographical Names Committee. She continued to drive the four year degree program module *Concepts of General Science*. A local fieldtrip took in Naval Hill, the South Park landfill, Soetdoring Nature Reserve and Boyden Observatory. Such trips are invaluable in linking theory to practice, particularly amongst underprepared students. Ms Tobeka Mehlomakulu took undergraduate tourism students on a fieldtrip to the Florisbad archeological site. On the Qwaqwa campus, Dr Hennie Claassen and Mr Alex Adjei took the third year environmental management students to the site of the Braamhoek hydro-electric power station, while Mr Pululu Mahasa took the first years to Golden Gate. Mr Adjei also took the third year urban studies students to Durban and surrounds.

Prof Gustav Visser continues to serve as President of the Society of South African Geographers, while Mrs Sandra Brits keeps the Society's books.

Prof Martha Richmond, Director of Environmental Studies at Suffolk University, Boston (USA) visited the Qwaqwa Campus in May. She presented a number of lectures in environmental management and biodiversity to staff and students. Community service again featured strongly on the Qwaqwa campus, with Drs Claassen and Ruhiiga and Mr Adjei offering Integrated Development Planning training to officials and councillors of the Maluti-a-Phofung Municipality, Mr Adjei offering training in Responsible Tourism to local communities in Ermelo, Secunda; Witbank; Nelspruit and Upington, and Dr Ruhiiga facilitating a workshop on IDP and Poverty Alleviation for the Thabo Mofutsanyane District Municipality in KwaZulu Natal.

A number of staff benefitted from the University's new Strategic Cluster research initiative. Profs Holmes and Visser, Dr Ruhiiga, and Mss Vrahimis and Mehlomakulu received funding to initiate and/or support research. It is apparent that this source of funding will become increasingly important in future.

2008-dated publications

- Barker, C.H. & De Villiers, G. du T., 2008: 'n Holistiese beskouing van landskapontwikkeling in Geomorgologie: 'n Wetenskapsfilosofiese basis. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie*, 27: 165-82.
- Bateman, M.D., Carr, A.S., Murray-Wallace, C.V., Roberts, D.L. & Holmes, P.J., 2008: A dating intercomparison study on Late Stone Age coastal midden deposits, South Africa. *Geoarchaeology*, 23: 715-741.
- De Villiers, G. du T., Viljoen, M.F. & Booysen, H.J., 2008: Aardverwarming en klimaatsverandering met spesifieke verwysing na Suid-Afrika: enkele perspektiewe. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie*, 27: 294-306.
- Holmes, P.J., Bateman, M.D., Thomas, D.S.G., Telfer, M.W., Barker, C.H. & Lawson, M.P., 2008: A Holocene - Late Quaternary aeolian record from lunette dunes of the western Free State panfield, South Africa. *The Holocene*, 18: 1193-1205.
- Hoogendoorn, G., Visser, G., Lenka, M., Marais, L., Van Rooyen, D. & Venter, A., 2008: Revitalizing the Bloemfontein CBD: Prospects, obstacles and lost opportunities. *Urban Forum*, 19: 159-174.
- Kotze, N. & Visser, G., 2008: Sport Tourism: Comparing participant profiles and impact of three one-day events in South Africa. *Africa Insight*, 38: 61-72.
- Roberts, D.L., Bateman, M.D., Carr, A.S., Murray-Wallace, C. & Holmes, P.J., 2008: Last interglacial fossil elephant trackways in coastal aeolianites, Still Bay, South Africa. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 257: 261-279.
- Visser, G. & Kotze, N. 2008: The state and new-build gentrification in central Cape Town, South Africa. *Urban Studies*, 45: 2565-2593.
- Visser, G., 2008: Exploratory notes on the geography of black gay leisure spaces in Bloemfontein, South Africa. *Urban Forum*, 19: 413-423.
- Visser, G., 2008. The homonormalisation of white heterosexual leisure spaces in Bloemfontein, South Africa. *Geoforum*, 39: 1347-1361.
- Marais, L. & Visser G., (eds.), 2008: *Spatialities of urban change: selected themes from Bloemfontein at the beginning of the 21st century*. African Sun Media, Stellenbosch, 195 p.
- Marais, L. & Visser, G., 2008: Preface. In: Visser, G. & Marais, L. (eds), *Spatialities of urban change: selected themes from Bloemfontein at the beginning of the 21st century*. African Sun Media, Stellenbosch, iii-xi.
- Hoogendoorn, G., Visser, G., Lenka, M., Marais, L., Van Rooyen, D. & Venter, A., 2008: CBD revitalising in Bloemfontein: prospects, obstacles and lost opportunities. In: Visser, G. & Marais, L. (eds), *Spatialities of urban change: selected themes from Bloemfontein at the beginning of the 21st century*. African Sun Media, Stellenbosch, 35-52.
- Hoogendoorn, G. & Visser, G., 2008: The evolution of Bloemfontein's Westdene: the changing anatomy of a neighbourhood. In: Visser, G. & Marais, L. (eds), *Spatialities of urban change: selected themes from Bloemfontein at the beginning of the 21st century*. African Sun Media, Stellenbosch, 75-95.
- Marais, L. & Visser, G., 2008: Bloemfontein and its future development: towards a research agenda. In: Visser, G. & Marais, L. (eds), *Spatialities of urban change: selected themes from Bloemfontein at the beginning of the 21st century*. African Sun Media, Stellenbosch, 183-195.
- Visser, G., 2008: The Volksblad Arts Festival: product, people and impacts. In: Visser, G. & Marais, L. (eds), *Spatialities of urban change: selected themes from Bloemfontein at the beginning of the 21st century*. African Sun Media, Stellenbosch, 135-153.

Visser, G., 2008: Urban tourism and Bloemfontein: progress and prospects. In: Visser, G. & Marais, L. (eds), *Spatialities of urban change: selected themes from Bloemfontein at the beginning of the 21st century*. African Sun Media, Stellenbosch, 115-134.

Conference contributions

Adjei, A. 2008: *Tourism product development initiatives to support tourism routes in the Free State province*. Paper presented at the Free State Provincial Tourism Conference, Bloemfontein, South Africa. 5 May.

Adjei, A. 2008: Tourism route development in the Free State province. Paper presented at the Free State Provincial Tourism Conference, Bloemfontein, South Africa. 5 May.

Barker, C.H. 2008: Using geomorphometric variables as an aid to managing water allocation in a non-perennial catchment. Paper presented at the Southern African Association of Geomorphologists Biennial Conference, University of Pretoria, Pretoria, South Africa. 26-28 September.

Holmes, P.J. & Wiggs, G.F.S. 2008: *Living on the edge: environmental change in the western Free State, South Africa*. Paper presented at the Third International Southern Deserts Conference, Molopo Lodge, Kalahari, South Africa. 16-19 September.

Holmes, P.J. & Wiggs, G.F.S. 2008: Living on the edge: environmental change in the western Free State, South Africa. Paper presented at the Southern African Association of Geomorphologists Biennial Conference, University of Pretoria, Pretoria, South Africa. 26-28 September.

Visser, G. 2008: Lesbian spaces of sex and desire: the case of Bloemfontein. Paper presented at the Annual Conference of the Royal Geographical Society and Institute of British Geographers Conference, London, United Kingdom. 27-29 September.

Staff

Main Campus:

Professor: Prof. Peter Holmes

Associate Professor: Prof. Gustav Visser

Senior Lecturer: Dr Charles Barker

Lecturers: Mss Eldalize Kruger, Tobeka Mehlomakhulu, Sheila Vrahimis

Professional Officers: Mss Sandra Brits, Liesel Cronje

Qwaqwa Campus

Associate Professor: Prof Willie van Zyl (on secondment in 2008)

Senior Lecturer: Dr Hennie Claassen

Lecturers: Dr Tabukeli Ruhiga, Mr Alex Adjei

Junior Lecturer: Mr Pululu Mahasa

KWAZULU-NATAL UNIVERSITY - PIETERMARITZBURG

Department of Geography

Departmental news

Prof. T. Hill was appointed Deputy Head of the School of Environmental Sciences

Dr. O. Mutanga was conferred his Professorship in December 2008.

Conference attendance/academic visits

Prof. T. Hill attended the Canadian Association of African Studies: Reflecting on Africa's Riches: Resources, Conflict and Exploitation. University of Alberta, Edmonton in May 2008.

Prof. B. Maharaj presented the paper "Religion and Development", at the Africa Grantmakers' Affinity Group (AGAG) Conference, held in Johannesburg, 7-8 February 2008.

Prof. B. Maharaj also presented the paper “Migrants and urban rights: Politics of xenophobia in South African cities,” at the International Political Geography Conference, Riems, held from 2-4 April 2008.

Prof. B. Maharaj presented “Global diaspora, networks and poverty alleviation” at the Global Civil Society Conference, Tata Institute of Social Sciences, held from the 1-3 May 2008.

Professor Hill also attended a conference on Ecosystem Health held in Mexico in December 2008.

Professor H. Beckedahl, Ms. D. Trotter (both from UKZN) and Mr. S. Singwane (University of Swaziland) recently undertook a visit to Halle in Germany in September 2008. The visit formed part of a three way collaborative partnership between the Martin Luther University in Halle (Germany), the University of Swaziland and UKZN, which is being funded by the DAAD (German Academic Exchange Service) through until 2011.

Professor H. Beckedal attended the Problem Soils in South Africa Seminar in Midrand, Gautend on the 3-4 November. He presented a paper titled, A classification of Problem Soils for the Rehabilitation of Erosion.

2008-dated publications

- Hill, T.R., Traynor, C.H., Birch-Thomsen, T., De Neergaard, A., Bob, U., Manyatsi, A.M. & Sebege, R.J., 2008: Clear the mind of pre-conceived ideas and get your hands dirty! An approach to field-based courses: The SLUSE-southern Africa experience. *Journal of Geography in Higher Education*, 32,441-457.
- Traynor, C. & Hill, T., 2008: Resource demand estimates for sustainable forest management: Mngazana Mangrove Forest, South Africa. *Botahlia*, 38, 79-86.
- Habib, A., Maharaj, B., Nyar, A., 2008: Introduction: Giving, development and poverty alleviation in South Africa. In: Habib, A. & Maharaj, B. (eds.), *Giving and solidarity: Resource flows for poverty alleviation in South Africa*. HSRC Press, Pretoria, 17-44. ISBN 978-0-7969-2201-4.
- Maharaj, B. et al, 2008: Religion and development: Reflections on the South African experience. In: Habib, A. & Maharaj, B. (eds.), *Giving and solidarity: Resource flows for poverty alleviation in South Africa*. HSRC Press, Pretoria, 79-120. ISBN 978-0-7969-2201-4.
- Chanderjith, R. & Maharaj, B., 2008: Spatial mobility patterns of the aged: A case study in Chatsworth, South Africa. In: Sahoo, A. (ed.), *Sociology of the elderly: An introduction*. Rawat, New Delhi.
- Maharaj, B., 2008: Introduction: Indentured Indian Diaspora – A 'new form of slavery'. In: Sahoo, A., Maharaj, B., Sangha, D., Raghuram, P. (eds.), *Indian Diaspora: Retrospect and Prospect*. Sage, New Delhi.
- Reddy, P.S. & Maharaj, B., 2008: Local democracy and decentralization in post-apartheid South Africa. In: Saito, F. (ed.), *Foundations for local governance – Decentralisation in comparative perspective*. Springer,185-212. ISBN: 978-3-7908-2005-8.
- Maharaj, B., 2008: (Step)Children of the rainbow nation? South African Indians in the post-apartheid era. In: Sahoo, A.K. & Laxmi Narayan, K. (eds.), *Indian Diaspora: Trends and Issues*. Serials Publications, New Delhi, 25-43. (Republished). ISBN 978-81-8387-160-0.
- Habib, A. & Maharaj, B. (eds.), 2008: Giving and solidarity: Resource flows for poverty alleviation in South Africa. HSRC Press, Pretoria. ISBN 978-0-7969-2201-4.
- Sahoo, A., Maharaj, B., Raghuram, P., Sangha, D. (eds.), 2008: Indian diaspora: Retrospect and prospect. Sage, New Delhi. ISBN:9788 1782 98337.
- Mutanga, O. & Adjorlolo, C., 2008: Assessing spatial patterns of crop damage by wildlife using GIS. *Alternation*, 15, 1-16.
- Dye, M., Mutanga, O. & Ismail, R., 2008: Detecting the severity of *Sirex noctilio* (woodwasp) infestation in a pine plantation in KwaZulu-Natal, South Africa using texture measures calculated from high spatial resolution imagery. *African Entomology*, 16(2),1-13.

- Ismail, R., Mutanga, O. & Ahmed, F., 2008: Discriminating *Sirex noctilio* attack in pine forest plantations in South Africa using high spectral resolution data. In: Kalacska, M. & Sanchez-Azofeifa, A. (eds.), *Hyperspectral Remote Sensing of Tropical and Sub-Tropical Forests*. Taylor and Francis: CRC Press, 350pp.
- Ismail, R., Mutanga, O., Kumar, L. & Bob, U., 2008: Determining the optimal resolution of remotely sensed data for the detection of *Sirex noctilio* infestations in *Pinus patula* plantations in KwaZulu-Natal, South Africa. *The South African Geographical Journal*, 90, 22-30.

NELSON MANDELA METROPOLITAN UNIVERSITY

Department of Geosciences

Departmental news: Workshops-2008

- Kakembo, V., 2008: Organised a Community workshop on 26 - 27 September 2008 at Mgwalana village community centre, Ngqushwa rural municipality, Eastern Cape to provide feedback to the local community as to the effective methods of restoring degraded hillslopes. This was based on results of successful plot trials over a 5 year period. A joint proposal with the local community to rehabilitate eroded landscapes invaded by *P. incana* is to be submitted to the Landcare Programme of the Department of Land Affairs.
- Siyongwana, P.Q., 2008: Workshop at Cape Peninsula on Urban Futures-September, 2008.

Collaboration with overseas partners-2008

Collaborative research funded by the South Africa Netherlands Research Programme on Alternatives in Development (SANPAD) is undertaken by Vincent Kakembo (NMMU) and Prof Erik Cammeraat of the Institute for Biodiversity and Ecosystem Dynamics (IBED-Physical Geography), University of Amsterdam. A joint research project entitled "Vegetation invasions: implications for hydrological and erosion response, land degradation and climate change" is undertaken.

Niels Weiss, an MSc student from the University of Amsterdam is currently co-supervised by Erik and Vincent. Niels' work focuses on the effect of *Pteronia incana* invasion on infiltration characteristics, soil water repellence and soil surface conditions. Joint fieldwork is underway with Ms S. Ndlela, an NMMU MSc student investigating Landscape connectivity and dysfunction in the same area.

Conferences-2008

- Christopher, A.J. 2008: Making sense of the British Imperial census, Annual International Conference of the Royal Geographical Society, London, August, 2008.
- Kakembo, V., and Odindi, J.O., 2008: Attended the Biennial Conference of the Society of Southern African Geomorphologists, Department of Geography, Geoinformatics and Meteorology University of Pretoria, 26 – 28 September 2008 and presented an oral paper entitled "A comparative assessment of soil moisture dynamics under altered vegetation cover conditions: Implications for landscape functionality"
- Kakembo, V., and Odindi, J., 2008: Presented an oral paper (read by the latter) entitled "Determination of *Pteronia incana* spectral trends using laboratory and field spectroscopy", at the 7th Conference of the Association of African Remote Sensing of the Environment (AARSE), 27-31 October, Accra, Ghana.
- Siyongwana, P.Q., 2008: Attended a 31st International Geographical Congress in Tunis, 12-15 August 2008. Presented a research paper entitled "An analysis of post-apartheid Urban Renewal Programme A case study of Njoli Market Square in Port Elizabeth, South Africa"
- Webb, N., 2008: Summer School: Tree Rings, Climate and Natural Resources. June 23–July 13, 2008. Istanbul, Turkey.

2008-dated publications

- Christopher, A.J., 2008: The South African Census and the Imperial Link. *South African Geographical Journal*, 90, 1-10.

- Christopher, A.J., 2008: Race classification and the Census in the Caribbean Commonwealth since the 1840s. *Wadabagei: A Journal of the Caribbean and its Diaspora*, 11(2), 25-48.
- Christopher, A.J., 2008: The quest for a census of the British Empire c1840-1940. *Journal of Historical Geography*, 34, 268-285.
- Siyongwana, P.Q. & Binza, S.M., 2008: The history of transformation of an apartheid capital city to a democratic provincial capital city: A case study of Bisho as a capital of the Eastern Cape Provincial Government. *Journal for Contemporary History*, 1, 70-87.

Completed theses and dissertations

- Haindongo, P., 2008: An investigation of the factors influencing vegetation stress in a part of the Keiskamma catchment, Eastern Cape: A remote sensing and GIS approach. Unpublished MSc thesis, Nelson Mandela Metropolitan University.
- Minnie, J., 2008: Habitat and foraging models as aids in the identification of priority areas for mitigating actions to reduce the incidence of electrocutions of the threatened Cape Griffon (*Gyps coprotheres*) in the Eastern Cape Province. Unpublished MSc dissertation, Nelson Mandela Metropolitan University.
- Van Niekerk, S., 2008: The integration of GIS technology into demographic and quality of life surveying of informal settlements: Nelson Mandela Bay, South Africa. Unpublished MSc thesis, Nelson Mandela Metropolitan University.
- Odindi, O.J., 2008: The invasion of *Pteronia incana* (Blue bush) along a range of gradients in the Eastern Cape Province: Its spectral characteristics and implications for soil moisture flux. Unpublished PhD dissertation, Nelson Mandela Metropolitan University.

Student Numbers- 2008

First year: 84
 Second Year: 45
 Third Year: 29
 Honours: 11
 Masters: 9
 PhD second year and upwards: 8

PRETORIA UNIVERSITY

Department of Geography, Geoinformatics and Meteorology

Departmental news

In January 2008 Dr Francois Engelbrecht was promoted to Senior Lecture. Professor Ingrid Stengel left UP in August, moving back to Namibia. Greg Breetzke graduated with his PhD in GIS and crime but also left UP moving to New Zealand in February 2009. Dr Dan Darkey and Arina Potgieter moved from Mamlodi to the main campus with effect from January 2009. Professor Keith Beavon was reappointed as Honorary Professor. As Extraordinary Professors the department are honoured to list Dr L.W.Combrink (Hartebeesthoek Radio Astronomy Observatory, Hartebeesthoek), Prof I.U. Stengel (NamibGeo Vista Geoconsult & Imaging, Windhoek), Dr Siva Venkataraman (National Laser Center, Council for Scientific and Industrial Research, Pretoria), Professor Kevin Hall (University of Northern British Columbia, Canada) and Professor Jan Boelhouwers (Uppsala, Sweden).

Prof C.J.deW. (Hannes) Rautenbach serves as Chair of the Organising Committee of the annual conference of the South African Society for Atmospheric Sciences (SASAS) that took place at the University of Pretoria between 30 September and 1 October 2008. This was also an UP centenary celebration event. Hannes was elected as President of the South African Society for Atmospheric Sciences (SASAS) at the annual SASAS conference in October 2008, was elected as Council Member of the National Association of Clean Air

(NACA) in September 2008 and was invited to serve as a Co-Lead Author for a Theme Plan that forms a core part of the National Science Plan on Global Change of the Department of Science and Technology (DST). Hannes serves as co-lead author in the South African Second National Communication (SNC) to the UN Framework Convention on Climate Change (UNFCCC) under The South African National Biodiversity Institute (SANBI) in partnership with the Department of Environmental Affairs and Tourism (DEAT), Paul Sumner and Werner Nel (UFH) visited the University of Mauritius on a collaborative rainfall monitoring project. Post-graduates Jay le Roux and Mike Loubser departed in late December on a three month visit to Antarctica, working within a SANAP geomorphology project run by Ian Meiklejohn. Liesl Dyson won the Educating Africa, Pan-African Awards for Entrepreneurship in Education: Teach A Man To Fish prize. This prize was awarded for the Community Project Activities during the past ten years.

Conference attendance/academic visits

Ian Meiklejohn organised the Southern African Association of Geomorphologists Biennial Conference, held in September at UP. The conference was entitled *South African Geomorphology in the 21st Century* and formed part of the UP Centenary Celebrations. Professor Kevin Hall (UNBC, Canada) presented the keynote address. Hannes Rautenbach organized the 2008 Annual Conference of the South African Society for the Atmospheric Sciences in collaboration with the KARA Heritage Institute held in September at UP. The conference was entitled *Heritage and Rain* and formed part of the UP Centenary Celebrations. Professor Mathole Motshekga (Kara Heritage Institute) presented the keynote address. Hannes presented the talk "The influence of Marion Island Topography on the Hydrostatic General Circulation of the Southern Ocean" at the annual conference of the South African Society for Atmospheric Sciences (SASAS) in October, and gave a talk as invited opening keynote speaker at the Annual General Meeting of the South African Stud Book and Animal Improvement Association that took place in the C.R.Swart Auditorium of the University of the Free State on 22 October 2008. He was asked by the Department of Science and Technology (DST) to visit the University of Tokyo between 14-18 October 2008 with a JICA partner to negotiate with Japanese Authorities about a collaborative JICA/JST research project in the African Centre for Climate and Earth System Sciences (ACCESS).

Hannes was invited by the President of the American Meteorology Society (AMS) and attended a meeting on 13 January 2009 in Phoenix Arizona, USA, to establish an informal forum that brings together the leadership of the world's approximately sixty-five meteorological societies. Also in January, Hannes gave a talk as invited opening keynote speaker during the Combined Conference of the SA Society of Crop Production, Soil Science Society of SA, SA Society for Horticultural Sciences and SA Weed Science Society at the University of Stellenbosch.

Joel Botai presented two papers at the Asia Oceania Geosciences Society, 2008 (AOGS2008) conference 16-20 June in Busan, Korea. Ian Meiklejohn, Paul Sumner and postgraduates Taryn Bigwood, Henno Engelbrecht, Gerda van Dijk and Mike Loubser presented papers at the Southern African Association of Geomorphologists Biennial Conference, held in September at UP. During the Annual Conference of the Atmospheric Society of Atmospheric Sciences that was held in September Francois Engelbrecht (and co-authors) received the Stanley Jackson award for the article entitled : "On the development of a new nonhydrostatic atmospheric model in South Africa" in the South African Journal of Science. The Stanley Jackson award is a prestigious award by the society for papers which have made significant contributions to the atmospheric and oceanic sciences.

2008-dated publications

Arocena, J.M., Hall, K. & Meiklejohn, K.I., 2008: Minerals provide tints and possible binder/extender in pigments in San rock paintings (South Africa). *Geoarchaeology*, 23, 293-304.

Berkowicz, S.M., Rautenbach, H. & Olivier, J., 2008: Preface: special issue on the 3rd International Conference on Fog, Fog collection and Dew. *Atmospheric Research*, 87, 199.

- Boelhouwers, J.C., Meiklejohn, K.I., Holness, S.D. & Hedding, D.W., 2008: Geology, geomorphology and climate change. In: Chown, S.L. & Froneman, P.W. (eds.), *The Prince Edward Islands - Land-sea interactions in a changing ecosystem*. SunMedia, Stellenbosch, 65-96.
- Breetzke, G.D., 2008: Exploratory spatial data analysis (ESDA) of violent, economic and sexual offenders in the city of Tshwane, South Africa. *Acta Criminologica*, Special Edition 1, 131-149.
- Breetzke, G.D., 2008: Spatial is special: a socio-geographic profile of offenders in the city of Tshwane, South Africa. *South African Geographical Journal*, 90, 32-40.
- Breetzke, G.D. & Horn, A.C., 2008: Key requirements in the development of a spatial-ecological theory of crime in South Africa. *Acta Criminologica*, 21, 123-143.
- Dyson L.L., 2008: A meteorological community project in South Africa. *Bulletin of the American Meteorological Society*, 89, 163-167.
- Hall, K.J., Guglielmin, M. & Strini, A., 2008: Weathering of granite in Antarctica I: Light penetration in to rock and implications for rock weathering and endolithic communities. *Earth Surface Processes and Landforms*, 33, 295-307.
- Hall, K.J., Guglielmin, M. & Strini, A., 2008: Weathering of granite in Antarctica II: Thermal data at the grain scale. *Earth Surface Processes and Landforms*, 33, 475-493.
- Jackson, C.R., Lubbe, N.R., Robertson, M.P., Setsaas, T.H., Van der Waals, J. & Bennett, N.C., 2008: Soil properties and the distribution of the endangered Juliana's golden mole. *Journal of Zoology*, 274, 13-17.
- Kgatuke, M.M., Landman, W.A., Beraki, A. & Mbedzi, M.P., 2008: The internal variability of the RegCM3 over South Africa. *International Journal of Climatology*, 28, 505-520.
- Le Roux, J.J., Morgenthal, T.L., Malherbe, J., Pretorius, D.J. & Sumner P.D., 2008: Water erosion prediction at a national scale for South Africa. *Water SA*, 34, 305-314.
- Meiklejohn, K.I. & Smith, V.R., 2008: Surface areas of altitudinal zones on sub-Antarctic Marion Island. *Polar Biology*, 31, 259-261.
- Nel, W. & Sumner, P.D., 2008: Rainfall and temperature attributes on the Lesotho-Drakensberg escarpment edge, Southern Africa. *Geografiska Annaler*, 90 A, 97-108.
- Nilsson, P., Uvo, C.B., Landman, W.A. & Nguyen, T.D., 2008: Downscaling of GCM forecasts to streamflow over Scandinavia. *Hydrology Research*, 39, 17-26.
- Olwoch, J.M., Reyers, B., Engelbrecht, F.A. & Erasmus, B.F.N., 2008: Climate change and the tick-borne disease, Theileriosis (East Coast fever) in sub-Saharan Africa. *Journal of Arid Environments*, 72, 108-120.
- Prinsloo, L.C., Meiklejohn, I., Barnard, W. & Hall, K., 2008: The first Raman spectroscopic study of San rock art in the Ukhahlamba/Drakensberg Park, South Africa. *Journal of Raman Spectroscopy*, 39, 646-654.
- Strini, A., Guglielmin, M. & Hall, K.J., 2008: Tafoni development in a cryotic environment: an example from Northern Victoria Land. *Earth Surface Processes and Landforms*, 33, 1502-1519.
- Sumner, P.D. & Loubser, M.J., 2008: Experimental sandstone weathering using different wetting and drying moisture amplitudes. *Earth Surface Processes and Landforms*, 33, 985-990.

Completed theses and dissertations

- Breetzke, G.D., 2008: Towards a spatial theory of crime in South Africa: a geo-analytical perspective of offenders in the City of Tshwane. Unpublished PhD dissertation (Geography), University of Pretoria.
- Du Toit, G., 2008: Promoting conservation Agriculture in SA: a case study among commercial grain procurers in the North West Province. Unpublished MA mini-thesis (Env&Soc), University of Pretoria.

- Marx, H.G., 2008: The use of artificial neural networks to enhance numerical weather prediction model forecasts of temperature and rainfall. Unpublished MSc thesis (Meteorology), University of Pretoria.
- Mojakisane, C.N.M., 2008: Urbanisation, urban poverty, and urban woman: a case study of the low-income area of Ha-Thetsane, an urban village in Maseru, Lesotho. Unpublished MA mini-thesis (Env&Soc), University of Pretoria.
- Rocher, A., 2008: Approaches towards developing ecotourism potential of afforested areas in South Africa and Finland. Unpublished MA mini-thesis (Env&Soc), University of Pretoria.
- Tema, B.S., 2008: Perceptions on the Ventilated Improved Pit (VIP) Latrine in rural South Africa. Unpublished MA mini-thesis (Env&Soc), University of Pretoria.

RHODES UNIVERSITY

Department of Geography

Departmental news

2008 has been a busy and productive year for staff in the Rhodes Geography Department. We are particularly pleased that our international linkages have been extended and strengthened, resulting in collaborative research and an increased publication output. While our most senior colleague, **Emeritus Professor Lewis**, has been busy consolidating his research output, younger staff members and postgraduate students have also made an effective contribution.

For **Prof. Roddy Fox** 2008 was a year of continuing with research into educational simulations and scenario building. The research was undertaken in Sweden (HögskolanVäst, University of Linköping), Finland (Turku School of Economics) and South Africa during summer schools and as components of degree curricula. He was accompanied to Finland by **Prof. Kate Rowntree** and **Ms Linda Fraenkel**, who has developed the water management component of the African Catchment Game as her Masters programme.

Prof. Kate Rowntree continues her collaborative research into land degradation and sediment dynamics in catchment systems in the Karoo with **Prof. Ian Foster** (Coventry University) and **Dr John Boardman** (Oxford University). In associated work she and postdoctoral fellow **Dr Suzanne Grenfell** and **Mr Mike Grenfell** monitored soil erosion rates in an investigation of the development of discontinuous gulleys in the Karoo. Prof. Rowntree's WRC project on Developing a Stakeholder Driven Catchment Management Plan in the Kat River Valley is nearing completion; several noticeable outcomes have come from this endeavour, one of the most significant is the proposed implementation of the of the ecological Reserve for the Kat River, one of the first Rivers in South Africa for this to happen. **Ms Sharon Birkholz**, a Masters student working with Prof. Rowntree on the Kat River Project, presented a paper on her research into the human-river relationships in the Kat River Catchment and their implications to IWRM at the International Conference on Exploring Transdisciplinary Discourses: Water, Society and the Environment, Africa in April 2008, her talk was voted the second best student presentation. In collaboration with the Department of Environmental Science, Prof. Rowntree has been working on a rehabilitation project in the Kouga Catchment (Eastern Cape), with funding from the World Wildlife Fund (WWF) and the Department of Water Affairs and Forestry (DWAF) through Working for Water (WfW) programme.

Ms Gillian McGregor has been active in the Eastern Cape through her research at Cape St Francis/Oyster Bay and as Chairperson of the Thicket Forum. Her work in the headland bypass dunefield between Oyster Bay and Cape St Francis is a cooperative project between Ms McGregor and **Prof. Richard Cowling** (NMMU) and **Prof. Fred Ellery** (Department of Environmental Science, Rhodes University). This area is a unique wetland system that has the potential for RAMSAR status in spite of the several developments that are earmarked for the region. In her role as Thicket Forum chairperson, Ms. McGregor and secretary, **Ms Bronwyn Palmer** (MSc Student in the Dept. of Geography) organised the annual Thicket Forum for 2008,

this event was held in August at the Thomas Baines Nature Reserve and was attended by a diverse range of delegates including: government officials, scientists, consultants, reserve managers, farmers and students.

Ms Leanne Du Preez spent three months in the UK on a British Council exchange grant, spending time in Liverpool, Oxford and Coventry. The main aim of her trip was to allow her to network with experts in her research field (geomorphology and land degradation, SA landscape history and policy). She had the opportunity to interact with Prof. Ian Foster (Coventry), **Prof. Janet Hooke** (Liverpool), and **Prof. John Boardman** (Oxford). Back home Ms Du Preez presented a paper at the SAAG conference in Pretoria in September entitled “Puppets or Puppeteers, Scientists or Seers? The role of fluvial geomorphologists in SA river management”. The paper was well received and has led to further discussion in the secondary education community.

In 2008 **Mr Gijsbert Hoogendoorn** was appointed as lecturer in the Department on a two-year contract. During 2008 he was involved in the co-authoring of four book chapters in an edited collection by **Prof. Lochner Marais** and **Prof. Gustav Visser** called ‘Spatialities of Urban Change: Selected themes from Bloemfontein at the beginning of the 21st century’. During July Mr Hoogendoorn was a visiting student at the Department of Tourism at the University of Otago in New Zealand where he presented a seminar on second home development.

2008-dated publications

- Boardman, J. & Foster, I.D.L., 2008: Badland and gully erosion in the Karoo, South Africa. *Journal of Soil & Water Conservation*, 63(4), 121-125.
- Dinar, A., Farolfi, S., Rowntree, K.M. & Patrone, F., 2008: To negotiate or to game theorize: Evaluating water allocation mechanisms in the Kat Basin. In: Dinar, A., Albiac, J. & Joaquin Sánchez-Soriano, J. (eds.), *Game theory and policy making in natural resources and the environment*. Routledge, London, 85-111 (345).
- Foster, I.D.L., Boardman, J. & Gates, J.B., 2008: Reconstructing historical sediment yields from the infilling of farm reservoirs, Eastern Cape, South Africa. In: Schmit, J., Cochrane, T., Philips, C., Elliot, S., Davies, T. & Bascher, L. (eds.), *Sediment Dynamics in Changing Environments*. International Association of Hydrological Sciences (IAHS), Wallingford, UK 440-447 (624).
- Foster, I.D.L., Oldfield, F., Flower, R.J. & Keatings, K., 2008: Mineral magnetic signatures in a long core from Lake Qarun, Middle Egypt. *Journal of Paleolimnology*, 40(3), 835-849.
- Fox, R.C., Assmo, P. & Kjellgren, H., 2008: Role playing African Development: an international comparison. *Journal of Independent Teaching and Learning*, 3, 31-40.
- Fox, R.C. & Rowntree, K.M., 2008: The land question in South Africa, Zimbabwe and Kenya: a geographical perspective on resource endowment. In: Bryant, C.R., Makhanya, E. & Hemmann, T.M. (eds.), *The sustainability of rural systems in developing countries*. Université de Montréal, 43-58 (150).
- Hoogendoorn, G. & Marais, L., 2008: Perceptions of crime and the built environment : the case of the Bloemfontein Central Business District (CBD). *Acta Structilia, Journal for the Physical and Development Sciences*, 15(2), 75-96.
- Hoogendoorn, G., Visser, G., Lenka, G., Marais, L., Van Rooyen, D. & Venter, A., 2008: Revitalizing the Bloemfontein CBD: prospects, obstacles and lost opportunities. *Urban Forum*, 19(2), 159-174.
- Lewis, C.A., 2008: The Late Glacial and Holocene avifauna of St. Helena, South Atlantic Ocean. *Transactions of the Royal Society of South Africa*, 63, 128-144.
- Lewis, C.A., 2008: Late Quaternary climatic change, and associated human responses, during the last – 45 000 years in the Eastern and adjoining Western Cape. *Earth Science Review*, 88, 167-187.

- Lewis, C.A., 2008: Late Pleistocene and early Holocene foragers (in Southern Africa). In: Pearsall, D.M. (ed.), *Encyclopaedia of Archaeology*, Vol. 1. Academic Press, New York, 88-93.
- Lewis, C.A., 2008: Glaciations and glacial features. In: Lewis, C.A. (ed.), *Geomorphology of the Eastern Cape, South Africa*. National Inquiry Services Centre, Grahamstown, South Africa, 127-148 (188).
- Lewis, C.A., 2008: Periglacial features. In: Lewis, C.A. (ed.), *Geomorphology of the Eastern Cape, South Africa*. National Inquiry Services Centre, Grahamstown, South Africa, 149-185 (188).
- Lewis, C.A., Reimer, P.J. & Reimer, P.W., 2008: Marine reservoir corrections, St Helena, South Atlantic Ocean. *Radiocarbon*, 50, 275-280.
- McConnachie, M., Shackleton, C. & McGregor, G.K., 2008: The extent of public green space and alien plant species in 10 small towns of the Sub-tropical thicket biome, South Africa. *Urban Forestry and Urban Greening*, 7(1), 1-13.
- Rowntree, K.M., 2008: Contemporary channel processes. In: Lewis, C.A. (ed.), *Geomorphology of the Eastern Cape, South Africa*. National Inquiry Services Centre, Grahamstown, South Africa, 43-62 (188).
- Rowntree, K.M. & Du Preez, L., 2008: Application of integrative river science in the management of South African Rivers. In: Brierley, G. & Fryers, K. (eds), *River futures: An integrative scientific approach to river repair*. Island Press, Washington, 237-254 (304).
- Rowntree, K.M., Foster, I.D.L., du Preez, L., Mighall, T. & Boardman, J., 2008: Post European settlement impacts on erosion and land degradation: a case study of farm reservoir sedimentation in the Eastern Cape, South Africa. In: Schmit, J., Cochran, T., Philips, C., Elliot, S., Davies, T. & Bascher, L. (eds.), *Sediment Dynamics in Changing Environments*. International Association of Hydrological Sciences (IAHS), Wallingford, UK, 139-142 (624).
- Rowntree, K.M. & Fox, R.C., 2008: Active learning for understanding land degradation: African Catchment Game and RiskMap. *Geographical Research*, 46(1), 39-50.

Academic/scientific Conferences

- Binns, T., Bek, D. & Nel, E.: Ethical codes and global supply chains, the case of South Africa's 'Flower Valley'. Africa Studies Association Conference. Preston, Preston. United Kingdom. November 2008.
- Birkholz, S.A.: Human-River Relationships in the Kat River Catchment and the implications for Integrated Water Resource Management (IWRM): an interdisciplinary case study. International Conference on Exploring Transdisciplinary Discourses: Water, Society and the Environment in Africa. The Nest Hotel, Drakensberg. South Africa. April 2008.
- Du Preez, L.: Puppets or Puppeteers? Scientists or Seers? The Role of Fluvial Geomorphologists in South Africa River Management. South African Geomorphology in the 21st Century – Biennial Conference of the South African Association of Geomorphologists. University of Pretoria, Pretoria. South Africa. July 2008.
- Foster, I., Boardman, J., Rowntree, K.M., Mighall, T., du Preez, L. & Gates, J.: Landscape Response to climate and environmental change, Eastern Cape, South Africa. British Society for Geomorphology Annual Conference. University of Exeter, Exeter. United Kingdom. July 2008.
- Foster, I., Rowntree, K.M., Boardman, J., Mighall, T., du Preez, L. & Van der Waal, B.: Sediment source tracing using mineral magnetism and gamma-emitting radionuclide signatures in farm reservoirs in the South African Karoo. British Society for Geomorphology Annual Conference. University of Exeter, Exeter. United Kingdom. July 2008.
- Fox, R.C. & Assmo, P.A.: Teaching the Difficulties of African Development through Role Playing. Building Together our Territories, 31st International Geographical Congress. Le Kram Conference Centre, Tunis. Tunisia. August 2008.

- Fraenkel, L., Fox, R.C. & Rowntree, K.M.: Learning about water through the African Catchment Game: the refinement of a role playing simulation. Higher Education as a Social Space. Rhodes University, Grahamstown. South Africa. December 2008.
- Hoogendoorn, G.: Changing countrysides, changing villages: second homes in Rhodes, South Africa. 24th Annual New Zealand Geographical Society Conference. Victoria University of Wellington, Wellington. New Zealand. July 2008.
- Hoogendoorn, G.: A Changing Village: second homeownership in Rhodes, South Africa. ENHR Working Group – Homeownership and Globalisation Conference. Delft University of Technology, Delft. The Netherlands. November 2008.
- Ngcofe, L., McGregor, G.K. & Chevallier, L.: The use of tasselled cap analysis and household interviews towards assessment and monitoring of land degradation: A case study within the Wit-Kei Catchment in the Eastern Cape, South Africa. 5th International Conference on land degradation. Mediterranean Agronomic Institute, Valenzano. Italy. September 2008.
- McGregor, G.K. & Knight, A.T.: Conservation planning and inter-disciplinarily: improving map products. 5th International Conference on Geographic Information Systems. Faith University, Istanbul. Turkey. July 2008.
- Nel, E. & Binns, T.: Decentralizing Economic Development, a Critical Reflection on the experience of Local Economic Development in South Africa. 24th Annual New Zealand Geographical Society Conference. Victoria University of Wellington, Wellington. New Zealand. July 2008.
- Nel, E. & Binns, T.: Responding to Marginality, Reflections on the experience of South Island, New Zealand. Building Together our Territories, 31st International Geographical Congress. Le Kram Conference Centre, Tunis. Tunisia. August 2008.
- Nel, E., Binns, T. & Bek, D.: Fair trade and alternative food networks in the internationalization of small-scale rural entrepreneurs in South Africa. The Eleventh McGill International Entrepreneurship Conference. University of Otago, Dunedin. New Zealand. December 2008.
- Nel, E., Hill, T. & Taylor, B.: Small Town Dynamics in South Africa. Building Together our Territories, 31st International Geographical Congress. Le Kram Conference Centre, Tunis. Tunisia. August 2008.
- Palmer, B. & McGregor, G.K.: Mapping landcover in the coastal zone of the Eastern Cape, South Africa. 5th International Conference on Geographic Information Systems. Faith University, Istanbul, Turkey. July 2008.
- Pietersen, A.: River rehabilitation of *Acacia meansii* infested rivers in the Kouga region, Eastern Cape, South Africa. “Interfaces” Fynbos Forum 2008. Municipal Auditorium, Outshoorn. South Africa. August 2008.
- Rowntree, K.M. & Foster, I.: Connecting South African landscapes – applications of environmental magnetism and radionuclide analysis. South African Geomorphology in the 21st Century – Biennial Conference of the South African Association of Geomorphologists. University of Pretoria, Pretoria. South Africa. September 2008.
- Rowntree, K.M., Foster, I., Boardman, J., Mighall, T. & du Preez, L.: Post European Settlement impacts on erosion and land degradation: a case study of farm reservoir sedimentation in the Eastern Cape. Sediment Dynamics in Changing Environments. University of Canterbury, Christchurch. New Zealand. December 2008.
- Van der Waal, B.: Influence of *Acacia meansii* invasion on soil properties in the Kouga Mountains. “Interfaces” Fynbos Forum 2008. Municipal Auditorium, Outshoorn. South Africa. August 2008.

UNIVERSITY OF SOUTH AFRICA

Department of Geography

Departmental news

During 2008, the Department of Geography consisted on nine members of academic staff a secretary, and a technical assistant. Mr K. Govindasamy joined the Department as a post graduate assistant, while Mr M. Mabala joined the Department to assist us administrative matters. Mr D.W. Hedding joined the Department as a lecturer in March 2008. Dr A.C. Harmse applied for early retirement at the end of 2008. The Department of Geography re-located to the Florida Campus in December 2008.

Dr A.C. Harmse was invited to be part of the distinguished speaker panel of the 3rd Annual Conference on Spatially Enabled Government. Her presentation was titled: *Looking at development regions in the South Africa Space Economy and an evaluation of the location of nodes identified in the Integrated Rural Development Programme.*

Ms M.D. Nicolau was invited to give a key note address at the Florida Society of Geographers in Miami, Florida, USA in January. The title of her address was *Teaching Geography at a distance: how it is approached by the University of South Africa.*

Mr R.W. Pretorius attended an international workshop on *Evaluating Climate Change and Development* organised by the Global Environment Facility Evaluation Office in Alexandria, Egypt during 10 to 13 May.

Mr D.W. Hedding helped co-ordinate the first Antarctica Science Winter School during 14 to 18 July. He presented his geomorphologic research that he is currently conducting in Antarctica and the Prince Edward Islands to students at the Winter School.

The Department of Geography, donated 10 indigenous trees to Ilanga Women's Organisation perma-culture project. Members of staff in the Department planted the 10 trees to mark the 2008 Africa Day celebrations. This was followed by the organisation of an African Day conference on 30 May with colleagues from the Department of Political Sciences. The title of this one day conference was *Africa's Environmental Politics, Opportunities, Challenges and Threats.*

With the outbreak of the Xenophobic attacks in South Africa during May of 2008, the Department of Geography started an institutional initiative to collect food, blankets, nappies, clothing and other non perishable. Over a period of two months over R45 000 worth of goods was collected and donated to the Red Cross for distribution to various camps in the Pretoria region.

On 6 June a one day seminar titled *Kick the habit! Towards a low carbon economy* was organised to mark World Environment Day. A number of external and internal speakers and guests were invited. The activities of the day provided all members of the Unisa community with the opportunity discuss initiatives and resources to promote low carbon economies and life-styles.

The Department arranged a children's map competition in preparation for the Barbara Petchinik Map Competition which is run bi-annually by the ICA, in an attempt to promote geographical literacy in children. Over 500 maps drawn by children from various schools were submitted for the competition. The Department of Geography, Unisa will assist the national co-ordinator of this competition during 2009.

The Department initiated a research project in the Dullstroom area. The research themes include tourism and economic development, water resource use and management. As part of this project the Department has become involved with the activities of the Birds of Prey Rehabilitation Centre and are the proud sponsors of a Fish Eagle and a Barn Owl.

During the second half of 2008, the Department introduced a short learning programme in "Exploring Geographical Information Systems". The year also saw the totally redevelopment of some undergraduate

study material into more innovative open distance learning contexts, the study material developed moves away from the traditional correspondence teaching, and includes a variety of multi media modes of tuition.

2008-dated publications

Boelhouwers, J.C., Meiklejohn, K.I., Holness, S.D. & Hedding, D.W., 2008: Geology, geomorphology and climate change. In Chown, S.L. & Froneman, P.W. (eds.), *The Prince Edward Islands land-sea interactions in a changing ecosystem*. SunPress, Stellenbosch.

Harmse, A.C., Blaauw, P.F., Schenck, C.J., 2008: *Day labourers, unemployment and socio-economic development in South Africa*. Working Paper 69. University of Johannesburg.

Hedding, D.W., 2008: Spatial inventory of landforms in the recently exposed central highland of sub-Antarctic Marion Island. *South African Geographical Journal*, 90(1), 11-21.

Hedding, D., Collier, A., Lee, J. & Kuyper, B., 2008: Antarctic science for the next generation. *Quest* 4(4), 28-33.

Completed theses and dissertations

Uchechukwu, N., E., 2008: The spatial distribution of HIV and AIDS in Gauteng: South Africa, Unpublished MSc thesis, University of South Africa. Passed with distinction.

Student Numbers- 2008

- First level: 1450
- Second level: 534
- Third level: 246
- Honours: 163
- 11 Masters and
- 14 Doctoral students.

STELLENBOSCH UNIVERSITY

Geology, Geography & Environmental Studies

Departmental news

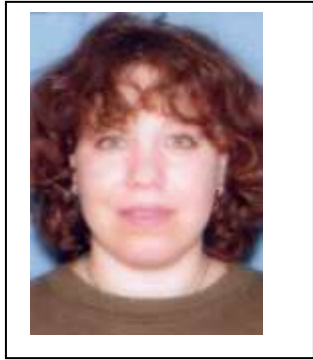
Since the amalgamation and integration of the Department of Geography and Environmental Studies with the Department of Geology in January 2007, the resulting so called ‘cross-cutting entity’ actively strives towards a coherent identity. Also the search for new physical space in the “Kamer van Mynwese Building” to further develop our Geographical Information Technology (GIT) section, as reported in the previous newsletter, continues.

The Department was awarded strategic funding from Stellenbosch University to appoint three additional Geographical Information Technology (GIT) staff members in 2009. A replacement for Nadia Smith, who resigned at the end of 2008, will also be appointed. The expansion of the GIT section to five staff members will provide momentum to the department’s aim to offer a unique SAQA-accredited degree programme in GeoInformatics which will enable graduates to qualify for professional certification.

Our valued departmental secretary Mrs. Desiree Muller has left our Department at the end of December and was substituted by a friendly and highly competent Mrs. Alicia Hector in February 2009.

On the research front, two inter-institutional research programmes were successful in securing the necessary funds from SU, SANPAD, and other sources to financially stimulate and support post-graduate research and expand inter-institutional research cooperation between tertiary and parastatal institutions over the next two years. These are: (i) *Table Mountain Park: Conservation, responsible tourism development and Cape Town residents* – A co-operative project between Stellenbosch University, Table Mountain Park Research Unit and Londron University, Salzburg – Project leader Dr Sanette Ferreira; (ii) *Spatial and structural*

relationship between the informal and formal economy in selected urban areas of SA – SU, North West University and Free University Amsterdam – Project leader Prof Ronnie Donaldson.



Dr Ravit Goldhaber, human geographer from Israel joined the Department in April as a post-doctoral fellow and is being hosted by Ronnie Donaldson. Her research focuses on ‘Retirement Gated developments in the Western Cape’. Her presence in our Department has strengthened the Human Geography capacity until mid-2009.

Ronnie Donaldson is still involved with consultancy research projects with SANPARKS and Cape Town Routes Unlimited (CTRU). Hannes van der Merwe, Sanette Ferreira and Adriaan van Niekerk have completed an extensive project for CTRU, titled: ‘A Spatial GAP-analysis of Tourism Development opportunity for the Western Cape Province. Hannes van der Merwe and Bennie Schloms have also completed reports for Overstrand

Municipality related to rural tourism and alternative agricultural opportunities in local economic development of the Strandveld region.

Visitors:

Prof Jurgen Breuste, HOD Geography and Geology at Salzburg University visited the Department as part of a co-operation agreement between Stellenbosch University and Institute for Geography, Research Group Urban Landscapes. Proffs Otto Verkoren, Tom de Jong and Henk Huisman from Utrecht University Geography Department visited us in collaboration with our three-year SANPAD Project – Corinne Laman, Kim Smid and Marije Severs (Dutch students from Utrecht University) conducted their research on three West Coast towns of our province. Prof Bert Veenendal, head of the Department of Spacial Science at Curtin University in Perth presented a lecture on 15 May.

Conferences:

Sanette Ferreira has attended the International Geographical Union (IGU) conference in Tunis in August and presented a paper: ‘One Decade of Transfrontier Areas in Southern Africa’. Ronnie Donaldson (presenter) and Sanette Ferreira’s paper on, ‘Perceptions of international visitors to South Africa on safety and security – implications for the 2010 FIFA World Cup’ was presented at the Annual International Conference of the Royal Geographical Society, London 27-29 August. The same paper was presented at the Sport Science in Action -SASReCon Conference, Port Elizabeth, 25-27 June. (Not attending: R Donaldson with K. Swart, S Ferreira), and ‘Challenges facing Football in the 21st Century’ 15th – 17th May 2008, University of Bern, Switzerland. (Not attending: R Donaldson with K. Swart, S Ferreira).

2008-dated publications

Donaldson, R., Cornelissen, S., Swart, K., Bob, U., 2008: Expectations of urban residents in the Western Cape on the 2010 FIFA World Cup. *Africa Insight*, 38(3), 35-48.

Donaldson, R. & Ferreira, S., 2008: Perceptions of international visitors to South Africa on safety and security – implications for the 2010 World Cup. Prepared for CTRU (the Western Cape Provincial destination marketing organization).

Donaldson, R., 2008: Eden and Overberg District: visitor tracking and Blue Chip tourism enterprise potential. Research report prepared for Department of Economic and Tourism and CTRU (the Western Cape Provincial destination marketing organization).

Donaldson, R., 2008: Table Mountain National Park visitor and user survey, summer, autumn, winter, and spring results. Four separate reports prepared for SANPARKS.

Eloff, P.J., Van Niekerk, A., 2008: Temporal patterns of animal-related traffic accidents in the Eastern Cape, South Africa. *South African Journal of Wildlife Research*, 38(2), 153-162.

- Swart, K., Donaldson, R. & Cornelissen, S., 2008: Desktop study on soccer tourism and 2010 World Cup Western Cape citizens' expectations. Research report prepared for CTRU (the Western Cape Provincial destination marketing organization).
- Van der Merwe, J.H., Ferreira S.L.A. & Van Niekerk, A., 2008: A spatial gap-analysis of tourism development opportunity in the Western Cape Province. Report 01/2008, Centre for Geographical Analysis, Stellenbosch University, 100pp.
- Van der Merwe, J.H., 2008: Rural tourism development opportunity in the Strandveld. Report 03/2008, Centre for Geographical Analysis, Stellenbosch University, 79pp.
- Van der Merwe, I.J. & Van der Merwe, J.H., 2008: Space-time dynamics of language in South Africa: Mapping a rich diversity. In Barni, M. & Extra, G. (eds.), *Mapping linguistic diversity in multicultural contexts*. Series Contributions to the Sociology of Language. ISBN 978-3-11-019591-0. De Gruyter: Berlin.

Completed theses and dissertations

- Rust, C., 2008: Meta-tourism, sense of place and the rock art of the Little Karoo. Unpublished DPhil dissertation, University of Stellenbosch, 255 pp. Promotor: Van der Merwe JH.
- Van Niekerk, A., 2008: Clues: a web-based land use evaluation system for the Western Cape. Unpublished PhD dissertation. University of Stellenbosch, 222 pp. Promotor: Van der Merwe JH.
- Dube, C., 2008: The impact of Zimbabwe's drought policy on Sontala rural community in Matabeleland South Province. Unpublished MSc thesis, University of Stellenbosch, 135 pp. Study leader: Eloff PJ.
- Watkiss, B.M., 2008: The SLEUTH Urban Growth Model as forecasting and decision-making tool. Unpublished MSc thesis, Stellenbosch University, 53 pp. Study leader: Van der Merwe JH.

Student Numbers- 2008

First year:	430
Second Year:	160
Third Year:	80
Honours:	12
Masters:	22
PhD /DPhil:	9

WESTERN CAPE UNIVERSITY

Department of Geography & Environmental Studies

Departmental news

Our academic staff remains at seven. **Sally Peberdy** was appointed Associate Professor. Qualified in Canada and England, and previously with the Southern African Migration Project and a Research Fellow at Wits, Sally brings to the Department considerable experience in southern Africa as a published researcher and university lecturer specialising in migration.

Staff continue to be active in external examining, presenting once-off lectures to visiting school and university student groups, in joint undergraduate teaching in University-wide Environmental Awareness modules, and in delivering specialist GIS teaching to teacher communities in co-operation with the Provincial Education Department and a GIS vendor.

Conference contributions

Michael Dyssel attended a conference on field work in Geography at the University of Artois, Arras (France) on 'Fieldwork and Further Education and Training (FET) in South Africa's High School Geography Curriculum'. He also presented a paper about 'Revisiting Fieldwork Activities in Geography' in September at UWC at a one-day Geography Mini-Conference on "Changing Geography for a Changing World" organized by the Western Cape Education Department and co-hosted by our Department. He attended a commemorative / retrospective conference on 'Ten Years of Environmental Impact Assessments' in Somerset West in November 2008.

Sally Peberdy attended a Department of Home Affairs workshop in Pretoria on 'Regional Migration and Youth in Southern Africa'. Her presentation to a round table discussion on 'Immigration and Young People' was on 'Regional Youth Migration Patterns and Trends: Policy Challenges for Host Countries'. The IOM and Rural Health International held a Stakeholder Workshop on Healthworker Migration in Pretoria in April. Sally's presentation was on 'Migration policy and healthworker migration'. She was a key note speaker at a conference hosted by the Department of Social Development in Somerset West where she presented on "Challenging Xenophobia in the Wake of the Xenophobic Attacks."

Gordon Pirie attended a conference at the University of Michigan on the subject of private-public partnerships directed at 'new' and more sustainable urban mobility. He presented a keynote address at the Ghent University Africa Platform on 'Measuring and Moralising Geographical Mobility in Africa'.

Visitors

Two international visitors of note visited as part of the UWC 'Cities in Transition' research programme. Prof Will Pansters (Utrecht University, Netherlands) gave an illustrated lecture entitled 'Lynching and policing in fragmented mega-Mexico City'. Prof Ben Derudder (University of Ghent, Belgium) lectured on 'Global Cities' to first, second and third year geography undergraduates and led a postgraduate seminar.

2008-dated publications

Mukwada, G., 2008: Voices from the past and echoes of the future: Management of forest and woodland resources by local religious institutions within Mufurudzi resettlement scheme in Zimbabwe, *Journal of Ecological Anthropology*, 12, 39-53.

Mukwada, G., 2008: The influence of anthropogenic phenomena and contingency in tree resource distribution in Mufurudzi resettlement area, Zimbabwe. *Journal for Nature Conservation*, 17(1): 1-14.

Peberdy, S., 2008: The invisible woman: gender and migration in southern Africa, *Signs: Journal of Women in Culture and Society*, 33, 800-807.

Pirie, G.H., 2008: Editorial: 'Cultural crossings', *Journal of Transport History*, 29, 1-4.

Pirie, G.H., 2008: Transport and development. In: Knowles, R., Shaw, J. & Docherty, I. (eds.), *Modern transport geography: Mobilities, flows and spaces*. Blackwell, Oxford, 10-28 (with D. MacKinnon & M. Gather).

Pirie, G.H., 2008: Airport agency: globalization and (peri)urbanism. In: Duban, F. (ed.), *Urban and peri-urban environments: comparative perspectives*. St Denis, Reunion, 25-36.

Pirie, G.H., 2008: You and our transport. In: Zipplies, R. (ed.), *Bending the curve: Your guide to tackling climate change in South Africa*. Africa Geographic, Cape Town, 112-123.

Completed theses and dissertations

Muyombano, E., 2008: The Geography of Primary and Secondary Education in Rwanda. Unpublished thesis/dissertation, University of the Western Cape.

Gater, T. 2008: Pharmaceutical Security in South Africa: Law and Medical Geopolitics. Unpublished thesis/dissertation, University of the Western Cape. (*cum laude*).

Student numbers (2008)

All undergraduate = 350

BA Honours in Geography = 14

MA Geography = 4

PhD Geography = 3

WITWATERSRAND UNIVERSITY

School of Geography, Archaeology and Environmental Studies

Departmental news

Wits' Geography ended the 2008 academic year with great successes, plans for a new teaching curriculum that will be launched in 2010, and research collaborations and initiatives that promise to make 2009 an eventful one. After 5 years as the Africa representative for the Intergovernmental Panel on Climate Change, Coleen Vogel finalised her contributions to an initiative that, together with Al Gore, was awarded the 2007 Nobel Peace Prize. She has been invited to serve on the Advisory Board of the Climate Change Adaptation in Africa (CCAA) research and capacity development program, and is a recent member of the international Scientific Committee for Integrated research on Disaster Risk (IRDR) supported by ICSU and ISSC. Also in 2008, Zarina Patel was appointed to the Board of the Wildlife and Environment Society of South Africa; Teresa Dirsuweit received grants from the Centre National de la Recherche Scientifique and from Volkswagen Stiftung for international cooperation between Germany and African Countries; and Jennifer Lalley received an NRF grant for research on the biogeography of lichen-inhabiting arthropods. Stefan Grab was invited to serve on the International High Elevation working Group within the *Coordinated Energy and Water Cycle Observations Project (CEOP)*, and received an NRF grant for SA-Spain research programme on Kilimanjaro. International departmental collaborations were established or continued with the University of Edinburgh, University of Oxford, University of Sheffield, University of Brighton, University of Nanterre, and Simon Fraser University.

Head of School, Professor Charles Mather, accepted a Professorship at Memorial University in Canada where he will further develop his research on the impact of globalisation and market liberalisation on food and agriculture, still focusing on Southern Africa. Prof. Karim Sadr has taken his place as head of the School of Geography, Archaeology and Environmental Studies, and Stephan Grab has taken the role as Head of the Geography Department.

Dr. Emma Archer, former lecturer, moved to CSIR's division of Natural Resources and the Environment where she heads up their climate change research focus. Ms. Tracy Cull left Wits after 12 years of running our first year programme, to accept a position as training advisor for the Regional Hunger and Vulnerability Programme. Former tutor, Ms. Caryn Abrahams moved to the University of Edinburgh to complete her PhD.

New appointments: Julia Mambo was appointed as our new environmental studies and GIS lecturer and will head up our growing GIS curriculum. Her research interests lie in environmental change, HIV, food security and development. Secondly, Devlyn Hardwick joined us from CSIR as a physical geography and GIS tutor, with research interests in geomorphology and hydrological systems.

2008 Conferences and Workshops

Abrahams C. Dissecting the Supermarket Revolution in Southern and East Africa. Institute of British Geographers: Geography Matters, Session: Circulation, Globalisation and Development, London, UK.

Archer E. Arid Zone Ecology Forum/Interfaces, Oudtshoorn.

Archer E. By Invitation. Africa Climate Change Forum, Rwanda.

- Dirsuweit TC. Public space and the democratization of Johannesburg. Association of American Geographers Annual Meeting, Boston.
- Grab, S. Towards the Establishment of Global Observatories. Planning Workshop on Establishing Climate Change Research Network and High Altitude Climate Observatory Systems in the Ethiopian Highlands – Towards Better Knowledge Base for Informed Mitigation Actions, Addis Ababa, Ethiopia.
- Grab, S & Nash, D. Documentary Evidence for Historical Climate and Environmental Change in Mountain Environments: Examples from Africa. Mountains of the World: Ecology, Conservation and Sustainable Development. Muscat, Oman.
- Grab, S & Nash, D. To shiver with cold in this Africa’’: Documentary evidence of cold season climate variability in Lesotho, 1833-1900. Association of American Geographers Annual Meeting, Boston.
- Carr, SJ, Grab, SW, Rea, BR. Reconstructing the extent of past glaciation in eastern Lesotho during the LGM. European Geosciences Union (EGU), Vienna, Austria.
- Grab, S. Climate and geophysical changes within the Trans-African alpine zone: scientific advances and future prospects. International Conference on “Mountains as early indicators of climate change”, Padova, Italy.
- Lalley JS Recovery of lichen soil crust: restoring cover or ecological integrity?. Association of American Geographers Annual Meeting, Boston.
- Mather C. Biosecurity, science and avian influenza. International Geographical Union Conference on the Dynamics of Economic Spaces: Worlds of new work? Multi-scalar dynamics of new economic spaces, Barcelona.
- Patel Z Contributor to Assessing Local Government Collaborations for Sustainable Development. Centre for Sustainable Community Development. Vancouver.
- Rogerson C Mega-events and shared growth in urban tourism: The 2010 FIFA World Cup challenge of incorporating emerging small tourism enterprises. Mega Events and Urban Tourism, Shanghai, China.
- Sinden L., Archer E. & Pickett S. Impacts of Climate Change and Variability on Vegetation in the Greater Limpopo Transfrontier Park. Kruger Network Meeting.

2008-dated publications

- Abrahams, D., 2008: Military base conversion in South Africa: Opportunities for local economic development. *Urban Forum*, 19: 43-60.
- Archer, E., Oettle, N., Louw, R., Tadross, M., 2008: 'Farming on the edge' in arid western South Africa: Climate change and agriculture in marginal environments. *Geography*, 93(2), 98-107.
- Dirsuweit, T.C., 2008: Public space and the politics of propinquity. In: Farber, L. (ed.), *Spatial practices and representations of space in Urban South Africa*. Research Centre.
- Grab, S., Kalibbala, F., 2008: 'Anti-erosion' logs across paths in the southern uKhahlamba-Drakensberg Transfrontier Park, South Africa: Cure or curse? *Catena*, 134-145.
- Grab, S., Dickinson, K., Mark, A., Maegli, T., 2008: Ploughing boulders on the Rock and Pillar Range, south-central New Zealand: Their geomorphology and alpine plant associations. *Journal of the Royal Society of New Zealand*, 38, 51-70.
- Hampway, G., 2008: Local economic development in the city of Lusaka, Zambia. *Urban Forum*, 19: 187-204.
- Hampway, G., 2008: The limits of decentralisation in urban Zambia. *Urban Forum*, 19: 347-361.
- Lalley, J., Viles, H., 2008: Recovery of lichen-dominated soil crusts in a hyper-arid desert. *Biodiversity and Conservation*, 17 (1): 1-20.

- Linde, J., Grab, S., 2008: Regional contrasts in mountain tourism development in the Drakensberg, South Africa. *Mountain Research and Development*, 28: 65-71.
- Molony, T., 2008: The role of mobile phones in Tanzania's informal construction sector: The case of Dar es Salaam. *Urban Forum*, 19: 175-186.
- Nhamo, G., 2008: Regulating plastics waste, stakeholder engagement and sustainability challenges in South Africa. *Urban Forum*, 19: 83-101.
- Rogerson, C., 2008: Developing tourism SMMEs in South Africa: the need to recognise difference. *Acta Academica*, 40(4): 113-138.
- Rogerson, C., 2008: Tracking SMME research in South Africa's priority sectors. *South African Journal of Economic and Management Sciences*, NS 11(1): 54-68.
- Rogerson, C., 2008: Shared growth in urban tourism: Evidence from Soweto, South Africa. *Urban Forum* 19: 395-411.
- Rogerson, C., 2008: Tracking SMME development in South Africa: Issues of finance, training and the regulatory environment. *Urban Forum*, 19: 61-81.
- Rogerson, C., 2008: Consolidating local economic development in post-apartheid South Africa. *Urban Forum*, 19(3): 307-328.
- Rogerson, C., 2008: Backpacker tourism: Policy lessons for South Africa from international experience. *Africa Insight*, 37(4): 27-46.
- Rogerson, C., 2008: Policy and planning for changing informal retailing in South Africa. *Africa Insight*, 37(4): 230-247.
- Rogerson, C., 2008: Integrating SMMEs into value chains: The role of South Africa's Tourism Enterprise Programme. *Africa Insight*, 38(1): 1-19.
- Rogerson, C., Crush, J., 2008: South Africa and the global recruitment of health professionals. *Africa Insight*, 37(4): 1-15.
- Rogerson, C., 2008: Developing small tourism businesses in southern Africa. *Botswana Notes & Records*, 39: 23-34.
- Vogel, C., et al, (member of core writing team) 2008: In: Pachauri, R.K & Reisinger, A. (eds.), *IPCC, 2007: Climate Change 2007: Synthesis Report*. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. IPCC, Geneva, Switzerland, 104 pp. <http://www.ipcc.ch/ipccreports/ar4-syr.htm>. ISBN 92-9169-122-4.
- Pachauri, R.K & Reisinger, A. (eds.), *IPCC, 2007: Climate Change 2007: Synthesis Report*. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. IPCC, Geneva, Switzerland, 104 pp. <http://www.ipcc.ch/ipccreports/ar4-syr.htm>. ISBN 92-9169-122-4. Vogel, C., et al, (member of core writing team).

Completed theses and dissertations

- Pillay, R., 2008: Exploring the engagement of an Environmental Centre with the discourse of sustainable development: a Southern African case study. Unpublished PhD dissertation, University of the Witwatersrand.
- Mwalukomo, H., 2008: The role of traditional leaders in environmental governance in the context of decentralization: a case study of grass utilization in QwaQwa, Eastern Free State. Unpublished MSc thesis, University of the Witwatersrand.

- Mudeme, L., 2008: Cement production and greenhouse gas emission: implications for mitigating climate change. Unpublished MSc thesis, University of the Witwatersrand.
- Bigala, T., 2008: Aerosol loading over the South African Highveld. Unpublished MSc thesis, University of the Witwatersrand.
- Massey, R., 2008: Climate risk and its impact on commercial farming in KwaZulu-Natal. Unpublished MSc thesis, University of the Witwatersrand.
- Austin, W., 2008: Drought in South Africa: lessons lost and/or learnt from 1990 to 2005. Unpublished MSc thesis, University of the Witwatersrand.
- Phahlane, N., 2008: Vertical tropospheric ozone structure and associated atmospheric transport over the South African Highveld region. Unpublished MSc thesis, University of the Witwatersrand.
- Stoddart, H., 2008: Route tourism and local economic development in South Africa: The Magalies Meander and the Crocodile Ramble. Unpublished MSc thesis, University of the Witwatersrand.