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FRANCOIS J. ODENDAAL. Ph.D., FRGS

Managing Director

BIRTH 25 January 1955

CITIZENSHIP South Africa

EDUCATION Ph.D. Flinders University of South Australia, Australia, 1981

B.Sc. Honours, University of the Witwatersrand, South Africa, 1977

B.Sc. University of Natal, South Africa, 1976

ACADEMIC

APPOINTMENTS Adjunct Professor, Environmental Resource Centre, Cape Peninsula

University of Technology, South Africa, 2008 - Present

Visiting Professor, Department of Science Education and Environmental Studies, Connecticut State University,

USA, 1993 - 2000

Chief Scientific Officer, Marine Research Institute, Zoology Department, University of Cape Town, South Africa, 1992-1996

Senior Researcher, Zoology Department, University of Cape Town,

South Africa, 1988 - 1991

Research and Teaching Associate, Zoology Department, Duke

University, USA, 1985 - 1988

Post-Doctoral Research Fellow, Department of Biological Sciences,

Stanford University, USA, 1981 - 1984

AFFILIATIONS Fellow, British Royal Geographic Society, London (FRGS)

Member of the International Association for Impact Assessment South

Africa

Founding Member of the Global Sustainable Tourism Council

COUNTRIES WORKED IN

Angola, Australia, Botswana, Cameroon, Central African Republic, Costa Rica, Egypt, Lesotho, Madagascar, Mauritius, Mexico, Ecuador,

Mozambique, Namibia, Seychelles, South Africa, Tanzania, United

States

TEACHING AND ADMINISTRATIVE EXPERIENCE

1994 - Present	Department for Science Education and Environmental Studies, Connecticut State University, USA Visiting Professor
	Responsible for teaching the following courses: Masters Level (EVE 573) on Tropical Rainforest Ecology; Masters Level (EVE 594) on Global Ecological Case Studies; Masters Level (EVE 598) on Ecotourism Development
1998 - Present	Supervise numerous interns on work-study or dissertation assignments for European and US universities as Eco-Africa's Chief Executive Officer
1998 - Present	University of Cape Town, South Africa External Supervisor
	Supervised four interns in Environmental Science, three masters students and one doctoral student
1997 - 1998	University of Tamatave, Madagascar External Supervisor
	Supervised one Masters students in Contemporary Environmental History of the Masoala Peninsula, Madagascar
1995 - 1997	Cape Peninsula University of Technology, South Africa Consultant
	Designed and taught a semester course in Environmental Engineering which has now become an established course in the Engineering Department
1994 - 1995	University of Antananarivo, Madagascar External Supervisor
	Supervised two Masters students in Fisheries and Coastal Zone Management
1986 - 1987	Duke University, North Carolina, USA Teaching and Research Associate (Animal Diversity 125)
1981 - 1984	Rocky Mountain Biological Laboratories, USA Managed the <i>Euphydryas</i> population biology research team
1981 - 1984	Stanford University, California, USA Designed and taught BIO 199 and Independent Studies 101
1980 - 1981	Flinders University of South Australia, Australia Teaching Assistant (Ecology and Population Biology)
1977	University of the Witwatersrand, South Africa

Teaching Assistant (Zoology 1)

1975 - 1976

Natal University, South Africa Financial Planning Committee, and Vice-President and Treasurer of

the Students' Representative Council

FUNDING AND AWARDS¹

GTZ (German Foreign Aid and Technical Agency), 1999/2000: Facilitation and preparation of the Integrated Development Plan for the Richtersveld.

World Bank, 1999: Design and Implementation of a Distance Learning and Information Sharing Tool (DLIST) for the Northern Cape and Namibian coasts (Norwegian Trust Funding)

University of Cape Town; Research Council Grant, 1993

De Beers Division of Anglo American, 1990 - 1992. Study on of natural recovery of overburden dumps on DBCM coastal properties in Namaqualand

US Department of Agriculture (USDA), Forestry Service, Louisiana, 1992. Grant to study pine beetle movement patterns with the aim of finding biological control methods to help counter massive pine beetle attacks on pine stands in the South-eastern states

SANF (WWF) Research Grant, 1988. Study on small reserves for insect conservation.

Earthwatch Research Grant, 1986. Project on butterfly ecology in Texas

NSF Grant, Population Ecology Panel; *Battus* research in Texas (to M. Rausher), 1985

National Science Foundation Grant, Population Ecology Panel; *Euphydryas* research in Colorado (to F. Stermitz), 1984

Postdoctoral Fellowship, Stanford University, Population Biology Fund, 1982 - 1983

Postdoctoral Fellowship, Stanford University, Population Biology Fund, 1982 - 1983

Overseas Postdoctoral Fellowship, Council for Scientific and Industrial Research (CSIR), South Africa,1980 - 1982

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¹ Note that Dr Odendaal has also received considerable other funding for projects in the name of his company Eco-Africa Environmental Consultants (these are listed under Commissioned Consultations below as well as the attached Profile of Contracts)

Most Outstanding Student Seminar in Australia, Australian Society of Herpetologists, 1979

Most Outstanding Student Seminar in Australia, Australian Society of Herpetologists, 1978

Postgraduate Award, Rotary International, 1978 - 1979

INTERESTS

Integrated coastal zone management; information sharing technology for coastal zone management; integrated conservation and development; rehabilitation of coastal systems; desertification; living marine resource harvesting and cultivation; integrated resource management and planning; conservation biology; marine ecology; marine resource exploitation; community-based natural resource management (CBNRM); tropical reef and rainforest ecology; global ecological issues; sustainable ecotourism development; development planning and local economic development.

CONSULTATION

Integrated Coastal Zone Management (ICMP); Strategic Planning; Integrated Development Planning; Strategic Environmental Assessment (SEA); environmental education; development of nature-based livelihood options; marine and coastal community ecology; sustainable development; land-use planning, coastal zone management; integrated resource planning and management; Environmental Assessment (EA); integrated development planning (IDP); renewable energy; mariculture; protected areas delimitation, management and development; community-based resource management and conservation; ecotourism development; local economic development; NGO capacity building.

TRAINING COURSES AND SYMPOSIA

004044

2010/11	Developed	three masters level	courses i	n environmentai	economics,

environmental risk management and waste management for the

Hamdan Bin Mohammed E-University in Dubai.

2006/7 Training on Integrated Coastal Zone Management (ICZM) and

Sustainable Tourism in the PERSGA region (Djibouti, Egypt, Jordan,

Saudi Arabia, Somalia, Sudan, and Yemen). Funded by

PERSGA/GEF 2006 - 7

2005/6 Development and restructuring of the online courses offered in three

countries through the information sharing platform Distance Learning

Information Sharing Tool (DLIST) that is funded by the Global Environment Facility (GEF) through the United Nations Development

Programme (UNDP)

2003/5	Environmental Assessment (EA) training and preparation of an EA Manual for the Zanzibar government and other sectors of society as part of the Sustainable Management of Land and Environment (SMOLE) Strategy, with funding from the Ministry of Foreign Affairs (MFA), Finland
2005	Design and delivery of public awareness and information dissemination training for NGOs, CBOs, private sector, local, district and national government officials of the Revolutionary Government of Zanzibar, with funding from the Ministry of Foreign Affairs (MFA), Finland
1994-2000	Development and delivery of Masters Modules in Ecotourism Development, Global Ecological Case Studies, Tropical Rainforest Ecology and Environmental Filmmaking at Southern Connecticut State University
2000	Module on community involvement in ICZM: Coastal Management Course. University of Cape Town, Cape Town, South Africa
2000	On living marine resource exploitation with specific reference to worker-owned kelp companies. Symposium on Co-Management of Resources off the Southwestern Coast of Africa, Luderitz, Namibia
2000	On Information Sharing and Collective Planning in the transboundary SEA in Namibia and South Africa, introducing DLIST. Symposium on Co-Management of Resources of the Southwestern Coast of Africa. Luderitz, Namibia
2000	Involvement of communities in the decision-making process with reference to community-based conservancies and coastal zone management. Second Annual Spring Forum: Effective Global Change. Connecticut State University
2000	Training Course (Principal Trainer): Environmental Assessment of Tourism. For Secretariat for Eastern African Coastal Area Management (SEACAM). In Madagascar: for Madagascar, Re-Union, Mauritius, Comoros and Seychelles
1998	NGO Capacity Building Training Course (Co-Trainer). For SEACAM. In South Africa: for South Africans and Namibians
1998	Training Course (Principal Trainer): Environmental Assessment of Tourism. For Secretariat for Eastern African Coastal Area Management (SEACAM). In South Africa: for South Africans, Namibians, Mozambicans, Tanzanians and Kenyans
1998	Module on Community Participation in Integrated Coastal Zone Management. Coastal Management Course, University of Cape Town

1977	Recipe for Survival on a Small Green Planet. Harry Haakonsen Memorial Lecture, Southern Connecticut State University		
1966	Ecotourism trail runs as a tool for Responsible Development. Ecotourism Symposium, Yale University School of Forestry and Environmental Studies		
1996	Patterns and Conflict. Symposium speaker for Course in Coastal Zone Management, University of Cape Town		
1994	Potential exploitation of marine resources and the development of ecotourism in the new Groen-Spoeg Marine National Park, SA National Parks Board: Public Meeting for the creation of South Africa's largest marine and coastal national park (in Northern Cape)		
1994	Community-based Exploitation of marine resources and the development of ecotourism (Speaker: West Coast National Park)		
1994	The Socio-economics of Artisanal Fisheries on the Masoala Peninsula, Madagascar. Southern African Marine Science Symposium, South Africa		
1994	The human perspective in marine exploitation and the relationship between marine resource exploitation and rainforest destruction. Southern African Marine Science Symposium, South Africa		
1994	On the ecology and exploitation of coral reefs and lagoons. Southern African Marine Science Symposium, South Africa		
1987	On the relationship between physiology, ecology and behaviour in butterflies. Ecological Society of America, Columbus, Ohio, USA		
1987	On the mating systems of insects. Society for Study of Evolution, Columbus, Ohio, USA		
1980	The ecology of two parapatric frog species. Annual Symposium of the Australian Society of Herpetologists		
1978	The ecology of diurnal geckoes in the Namib Desert of Africa. Annual Symposium of the Australian Society of Herpetologists		
Numerous other minor workshops and lectures were given in Australia, Europe, USA, Madagascar, and South Africa			

INSTITUTION SEMINARS

University of the Witwatersrand; Flinders University of South Australia; Stanford University; South Australian Museum; Transvaal Museum; Rocky Mountain Biological Laboratories; Duke University; British Royal Geographic Society; Le Centre National de la Recherche Scientifique (France), University of Cape Town, University of Port Elizabeth, University of Pretoria; University of Mauritius; Yale

University; Charles Darwin Research Station (Galapagos); Southern Connecticut State University.

ACADEMIC REVIEWS

Evolution, Ecology, American Naturalist, Oecologia, Australian Journal of Zoology, J Zoology, Herpetologica, J Herpetology, J Insect Behaviour, Biotropica, Animal Behaviour, Oikos, National Science Foundation, SA J Zoology, CSIR (South Africa), HSRC (South Africa); numerous theses and research projects.

PUBLICATIONS IN SCIENTIFIC JOURNALS1

- Odendaal, F.J. 1979. Notes on the adaptive ecology and behaviour of four species of Rhoptropus (Gekkonidae) from the Namib Desert with special reference to a thermoregulatory mechanism employed by Rhoptropus afer. Madoqua II(3):255-260.
- 2. Odendaal, F.J. & C.M. Bull. 1980. Influence of Water Speed on Tadpoles of *Ranidella signifera* and *R. riparia*. (Anura: Leptodactylidae). Australian Journal of Zoology 28: 79-82.
- 3. Haacke, W.D. & F.J. Odendaal. 1981. The distribution of the genus *Rhoptropus* (Reptilia, Gekkonidae) in the central Namib Desert. Madogua XII(4): 199-215.
- 4. Odendaal, F.J. 1981. The role of the environment and interspecific interaction in determining the distribution of two frog species. Ph.D. thesis, Flinders University of South Australia, Adelaide, South Australia.
- 5. Odendaal, F.J. & C.M. Bull. 1982. A parapatric boundary between *Ranidella signifera* and *R. riparia* (Anura: Leptodactylidae) in South Australia. Australian Journal of Zoology 30: 49-57.
- 6. Odendaal, F.J., Bull, C.M. & R.C. Nias. 1982. Habitat selection in tadpoles of *Ranidella signifera* and *R. Riparia* (Anura: Leptodactylidae). Oecologia 52: 411-414.
- 7. Odendaal, F.J., Bull, C.M. & M. Adams. 1983. Genetic divergence between two morphologically similar *Ranidella_*species (Anura:Leptodactylidae). Copeia 1983 (1): 275-279.
- 8. Odendaal, F.J., Bull, C.M. & S.R. Telford. 1983. The vocabulary of calls of *Ranidella riparia* (Anura: Leptodactylidae). Copeia 1983 (2): 534-537.
- 9. Iwasa, Y., Odendaal, F.J., Murphy, D.D., Ehrlich, P.R. & A.L. Launer. 1983. Emergence patterns in male butterflies: a hypothesis and a test. Theoretical Population Biology 23: 363-379.
- 10. Odendaal, F.J. & C.M. Bull. 1983. Water movements, tadpole competition and limits to the distribution of the frogs *Ranidella riparia* and *R. signifera*. Oecologia 57:361-367.

¹ Listed under this heading are publications in scientific journals or books chapters, with only occasional grey literature publications.

- 11. Odendaal, F.J. & C.M. Bull. 1983. A Note on the Egglaying Behavior in *Ranidella riparia* (Anura: Leptodactylidae). S Australian Naturalist 58(1):17-18.
- 12. Iwasa, Y. & F.J. Odendaal. 1984. Theory of operational sex ratio: the active-inactive model. Ecology 65(3): 886-893.
- 13. Odendaal, F.J., Bull, C.M. & S.J. Richards. 1984. Interactions over a natural food resource between tadpoles of *Ranidella signifera* and *R. riparia* (Anura: Leptodactylidae). Journal of Herpetology 18(4):489-492.
- 14. Odendaal, F.J. & P.R. Ehrlich. 1985. A Migration of *Urania fulgens* in Costa Rica. Biotropica 17(1): 46-49.
- 15. Odendaal, F.J., Iwasa, I. & P.R. Ehrlich. 1985. Female availability and its effect on butterfly mating systems. The American Naturalist 125(5):673-678.
- 16. Odendaal, F.J., Ehrlich, P.R. & F. Thomas. 1985. Structure and function in the antennae of checkerspot butterflies of the genus *Euphydryas* (Lepidoptera: Nymphalidae). Journal of Morphology 184:3-22.
- 17. Stermitz, F.R., Gardner, D.R., Odendaal, F.J. & P.R. Ehrlich. 1985. *Euphydryas anicia* (Lepidoptera: Nymphalidae) utilization of iridoid glycosides from *Castilleja* and *Besseya* (Scrophulariacea) host plants. Journal of Chemical Ecology 12(6):1459-1468.
- 18. Jones, K.N., Odendaal, F.J. & P.R. Ehrlich. 1986. Evidence against the spermatophore as paternal investment in checkerspot butterflies (*Euphydryas:* Nymphalidae). American Midland Naturalist (1):1-6.
- 19. Odendaal, F.J. & C.M. Bull. 1986. Evidence for interactions over calling sites between males of the frogs *Ranidella signifera* and *R. riparia*. Journal of Herpetology 20(2): 256-259.
- 20. Odendaal, F.J., Bull, C.M. & S.R. Telford. 1986. Influence of the acoustic environment on the distribution of the frog species *Ranidella signifera* and *R. riparia* (Anura:Leptodactylidae). Animal Behaviour 34: 1836-1843.
- 21. Odendaal, F.J. & Y. Iwasa. 1987. Operational sex ratio in two Australian frogs. Copeia 1987(4):1025-1028.
- 22. Rausher, M.D. & F.J. Odendaal. 1987. Switching and the pattern of host use by *Battus philenor* butterflies. Ecology 68(4):869-877.
- 23. Odendaal, F.J., Benrey, B., Nunez-Farfan, J. & M.D. Rausher. 1987. Predation by *Anolis* lizards on *Battus philenor* (Papilionidae) raises questions about butterfly mimicry systems. Journal of the Lepidopterists Society 41(3):141-144.
- 24. Odendaal, F.J. 1988. Mature egg load influences the behavior of female *Battus philenor* butterflies (Papilionidae). Journal of Insect Behaviour (2)1:15-25.

- 25. Odendaal, F.J., Turchin, P. & F.R. Stermitz. 1988. An incidental-effect hypothesis explaining aggregation of males in a population of *Euphydryas anicia* (Lepidoptera). The American Naturalist 132 (5):735-749.
- 26. Odendaal, F.J., Turchin, P. & F.R. Stermitz. 1989. Male harassment, host plant spatial availability, and the distribution of female *Euphydryas anicia*. Oecologia 78(2) 283-288.
- 27. Odendaal, F.J. & M.D. Rausher. 1990. Eggload influences host search intensity, host preference, and clutch size in *Battus philenor* (Papilionidae). Journal of Insect Behaviour 3(2): 183-193.
- 28. Turchin, P., Odendaal, F.J. & M.D. Rausher. 1991. Quantifying insect movement in the field. Environmental Entomology 20(4):956-963.
- 29. Odendaal, F.J., Jones, K.N. & F.R. Stermitz. 1989. Mating behavior of the explosive-breeding butterfly *Euphydryas anicia* (Nymphalidae). Journal of Research in Lepidoptera 28 (1-2):1-13.
- 30. Odendaal F.J. 1990. The dry season influences reproductive parameters in female butterflies. Biotropica 22(1):100-102.
- 31. Odendaal, F. J., P. Turchin, G. Hoy, P. Wickens, J. Wells, and G. Schroeder. 1992. *Bullia digitalis* (Gastropoda) actively pursues moving prey by swash-riding. J Zool Lond 228: 103-113.
- 32. Emanuel, B., Bustamante R.H., Branch G.M, Eekhout S. & F.J. Odendaal. 1993. A zoogeographic and functional approach to the selection of marine reserves on the West Coast of Southern Africa. SA Journal of Marine Science (12):341-354.
- 33. Odendaal, F.J., Bergh, M.O. and G.M. Branch. 1993. The exploitation of sessile/sedentary marine organisms: potential management options and their implications. In: R. Siegfried (ed). Exploitation of Intertidal Organisms in Chile and South Africa, pp 155 –167. Springer-Verlag.
- 34. Odendaal, F.J., Kroese, M. and J. Jaomanana. 1995. Strategic Plan for the Management of the Coastal Zone of the Masoala Peninsula, Madagascar (214 pp). Madagascar Working Paper No. 4. CARE INTERNATIONAL (Madagascar).
- 35. Turchin, P., and F. J. Odendaal. 1996. Measuring the effective sampling area of a pheromone trap for monitoring population density of southern pine beetle (Coleoptera: Scolytidae). Environmental Entomology **25**: 582-588.
- 36. Brown, A.C. and F.J. Odendaal. The Biology of Oniscoid Ispoda of the genus Tylos. Advances in Marine Biology 30:1-65.
- 37. Odendaal, F.J. 1996. Ecotourism trial runs as a tool for responsible coastal zone development. Tropical Oceans Vol 3(1):19-20.
- 38. Odendaal, F., Jaomanana & Marcel K. (1995). The delimitation of Marine Reserves on the Masoala Peninsula, Madagascar. 69pp+ annexes. CARE Madagascar.

- 39. Odendaal F J (1996) Trial runs as a Tool for Responsible Ecotourism Development. In: The Ecotourism Equation: Measuring the Impacts, E Malek-Zadeh, Yale University Bulletin Series Vol 99, Yale University, USA.
- 40. Odendaal, F.J., Eekhout, S., Branch, G.M. & A.C. Brown. In press. An incidental-effect hypothesis explaining aggregations in a semi-terrestrial isopod inhabiting sandy beaches. SA J Zoology.
- 41. Odendaal, F.J., Hewawasam, I., McLean, B., Mitha, S., Phillips, L., & J. Stephanus. The Namaqualand and Namibian Coastlines: A dynamic situation that calls for Strategic Environmental Assessment (SEA). Proceedings of the Symposium on Co-Management of Resources off the Southwestern Coast of Africa. In press.
- 42. Phillips, L., Odendaal, F.J. & J. Kingwill. Living Marine Resources in Namaqualand: obstacles, opportunities and cross-border implications. Proceedings of the Symposium on Co-Management of Resources off the Southwestern Coast of Africa. In press.
- 43. Branch G.M. and Odendaal F. The effects of marine protested areas on the population dynamics of a South African limpet, *Cymbula* oculus, relative to the influence of wave action. Biological Conservation, in press.
- 44. Grange, N. and F.J. Odendaal. 1999. Guidelines for the Environmental assessment of Coastal Tourism. 197 pp. Secretariat for East African Coastal Area Management (SEACAM), Maputo, Mozambique.
- 45. Odendaal, F.J, Tangawamira, Z., Mclean, B, November, J. 2014. Coastal areas management: can local economic development (LED) planning be a practical way forward? Book chapter in: Handbook for the Oceans, Routledge/Earthscan.

COMMISSIONED CONSULTATIONS1

- 46. "A preliminary report on the feasibility and effectiveness of the Ruimsig Entomological reserve in protecting the butterfly species <u>Aloeides dentatis</u>: the role of active management in manipulating population size." For South African Nature Foundation (later to become WWF, South Africa) and Roodepoort City Council, 1989 -1993.
- 47. "NSIP West Coast Site Specific Environmental Study: The Sensitivity of the intertidal zone to acquisition of one or more sites for possible nuclear development." For the Environmental Evaluation Unit (EEU), University of Cape Town, commissioned by ESKOM, the South African Power and Electricity Commission, 1990 1991.
- 48. "Report on the study of natural recovery of overburden dumps on DBCM properties in Namaqualand." For the Environmental Evaluation Unit (EEU), University of Cape

¹ Listed under this heading are commissioned consultations, and consultation reports. Note that many of the consultations were large projects with multiple publications and reports output, but in the interest of brevity only one document per consultation is listed. The large projects often include management plans, institutional assessment, financial and legal assessments, strategic plans in one single consultation as listed in the CV.

- Town, commissioned by De Beers Consolidated Diamond Mines (Namaqualand), 1990 1992.
- 49. A study on pine beetle movement patterns with the aim of finding biological control methods to help counter massive pine beetle attacks on pine stands in the Southeastern states. For US Department of Agriculture (USDA), Forestry Service, Louisiana, 1992.
- 50. An evaluation of marine resources and artisanal fisheries on the Masoala Peninsula, Madagascar. "A Preliminary report on the marine resources of the Masoala Peninsula, Madagascar." For CARE INTERNATIONAL, 1993.
- 51. An investigation of the ecotourism potential on the Masoala Peninsula, Madagascar. "A preliminary investigation of the Ecotourism Potential of the Masoala Peninsula, Madagascar." For CARE INTERNATIONAL, 1993.
- 52. Consultant for marine resources, Masoala Peninsula, Madagascar. Duties include delimitation of marine reserves, devising methods of making artisanal fisheries sustainable, and linking marine resources with ecotourism development. For CARE INTERNATIONAL and ANGAP, the national system of protected areas in Madagascar, 1994 -1995.
- 53. Consultant for ecotourism development, Masoala Peninsula, Madagascar. Duties involve designing community-based ecotourism practises and running trial runs. For CARE INTERNATIONAL and Project Masoala, 1994 -1995.
- 54. Ecotourism development on the Masoala Peninsula, Madagascar. Design community-based ecotourism practices, guide training and ecotourism trial runs. For CARE INTERNATIONAL, 1993 -1995.
- 55. Ecotourism consultant on the relationship between the national park system, the private sector and local communities. "Rapport Relatif a l'appui communautaire a l'ecotourisme et au marketing." For ANGAP, USAID and Tropical Research and Development (TR&D), 62 pages, 1996.
- 56. Consultant for the development of alternative economy to diamond mining. "Northern Namaqualand Tourism feasibility Report: Can Tourism Offer Alexkor Ltd. an Opportunity for diversification?" For Alexkor Ltd., 1997.
- 57. Review of Aldabra Management Plan, 1997. For the World Bank.
- 58. Tourism consultant for the development of tourism in the Western Cape Province of South Africa. "Cape Town and Tourism: Development of Cape Town as a year round destination, 52 pages. For Cape Metropolitan Council, 1997.
- 59. Robben Island Tourism EIA on Visitor Upgrades. For Robben Island Museum (RIM). 1997.
- 60. Coastal Management Policy Programme (CMPP): Study on Related Initiatives Currently Underway in South Africa. Department of Environment and Tourism (DEA&T). 1997 8.

- 61. Tourism Development in Namaqualand. For Scott-Wilson Consultants. 1998.
- 62. Consultant for the development of alternative economy to diamond mining. "Northern Namaqualand Coastal Feasibility Study." For Alexkor Ltd, 1998.
- 63. Tourism Potential and Carrying Capacity for Robben Island. The Robben Island Museum (RIM), 1998.
- 64. Advisor on community-based tourism development and environmental education for Feon' ny Ala (Voice of the Forest) in Madagascar, including successful preparation of Small Grant to IUCN (Netherlands). For Feon' ny Ala and Greendevelopment (Netherlands). 1998.
- 65. Consultant on environmental economics and situational analysis of Northwestern Namaqualand (with B McLean): "Situational Analysis of the Richtersveld", 65 pp. For the Transform programme (then a partnership between the German government's GTZ and the South African Department of Land Affairs, DLA), 1999.
- 66. Consultant on establishment of a field guide system in the Richtersveld. "Assessment of the Field Guide System in the Richtersveld", 93 pp. For the Transform programme (a partnership between the German government's GTZ and the South African Department of Land Affairs, DLA), 1999.
- 67. Consultant to draw up Environmental Assessment Guidelines for Tourism for the East Coast of Africa and Western Indian Ocean Island States. "Environmental Assessment Guidelines for Tourism", 112 pp. For SEACAM/World Bank/SAREC, 1999.
- 68. Facilitator for establishing the provincial Coastal Working Group (CWG) for the Northern Cape Province in South Africa. This CWG will implement the White Paper on Sustainable Coastal Development in the province. For stakeholders including national, provincial and local government, 1999.
- 69. Establishment of nine worker-owned kelp companies and successful preparation for Marine Resource quota applications. For the Fishing and Mariculture Development Association (FAMDA), 1999.
- 70. Preparation of successful proposal for a Global Environment Facility (GEF) Pdf Block Award for a network of protected areas along the coast and the interior of the Richtersveld. For Richtersveld Transitional Council, 1999.
- 71. Design, fundraising and successful establishment of the coastal Hondeklipbaai Multi-Purpose Resource Centre (MPRC). For the Fishing and Mariculture Development Association (FAMDA) and the Department of Environment and Tourism (DEA&T), 1999 - 2000.
- 72. Design, fundraising and successful establishment of the Sizamile Multi-Purpose Resource Centre (MPRC). For the Department of Environment and Tourism (DEA&T), 1999 2000.

- 73. Design, fundraising and successful establishment of the Kookfontein Community Tourism Development Centre. For the Steinkopf Tourism Committee and the Department of Environment and Tourism (DEA&T), 1999 2000.
- 74. Advisor in design and fundraising for the Vanrhynsdorp Poverty Alleviation Project. For the Masibambani Community Centre and the Department of Environment and Tourism (DEA&T), 1999 2000.
- 75. Visitor Assessment and Tourism Feasibility and Marketing Study for the Cape Peninsula National Park. For the South African National Parks (SANParks), 1999 2000.
- 76. Environmental Mitigation Report for Residential Development along the Knysna Western Heads Coastal Sensitive Area. For Knysna Timber Homes, 2000.
- 77. Social Regeneration Study for Hondeklipbaai. For the Namaqualand District Council, 2000.
- 78. Facilitator and co-ordinator of community-based tourism development along the South-North Tourism Route from Cape Town to the Namibian border. For the emerging South-North Tourism Route association (SNTRA), 2000.
- 79. Preparation of successful proposal for a Global Environment Facility (GEF) Medium-Sized Project (MSP) Project Brief for the Richtersveld Community-based Biodiversity Conservation Project. For Richtersveld Local Government, 2000.
- 80. Development of a Distance Learning Information Sharing Tool (DLIST) for the West Coast of South Africa and the Namibian coast. For the World Bank with Norwegian Trust Funds, 2000.
- 81. Implementation of a Distance Learning Information Sharing Tool (DLIST) for the West Coast of South Africa and the Namibian coast. For the World Bank and International Waters (IW): Learn with funding from the Global Environmental Facility (GEF).
- 82. Preparation of successful proposal for the South-North Tourism Route Association (SNTRA) and implementation of poverty alleviation project. For SNTRA and the Department of Environmental Affairs and Tourism (DEA&T), 2000 2001.
- 83. Design, fundraising and implementation of the Orange River Mouth Transfrontier Conservation Area (ORM TFCA) rehabilitation programme's *Working for Water* project. For Richtersveld Transitional Council, Department of Water Affairs and Forestry (DWAF) and the Department of Environmental Affairs and Tourism (DEA&T), 2000-2001.
- 84. Preparation of successful proposal to NORAD for the Richtersveld World Heritage Site (WHS) Project and its implementation over three years. For the Department of Environment and Tourism (DEA&T), 2000 2003.
- 85. Investigating Small-scale Fisheries and the implementation of a Subsistence Fisheries Programme for South Africa. For Subsistence Fisheries task Group and Marine and

- Coastal Management (MCM) of the Department of Environment and Tourism (DEA&T). 2000 2001.
- 86. Knowledge Management:: Coastal Management Policy, Information Sharing, Distance Learning and a Collective Approach to development in the Northern Cape Province of South Africa. Input into WSSD through Paris meetings and subsequent publications. For the World Bank, 2000 2001.
- 87. Community participation in the Development Planning Process for the Orange River Mouth Transfrontier Conservation Area (ORM TFCA). For the Gariep Spatial Development Initiative (SDI), 2000 2001.
- 88. Co-ordinator for Socio-Economic component of the Succulent Karoo Environmental Profile (SKEP). For Conservation International, 2000 2001.
- 89. Facilitator for establishing the Integrated Coastal Zone Management Committee (ICZMC) in Namibia. This committee will be overseeing coastal planning and management along the entire Namibian coast. For the ICZMC and the Global Environment Facility (GEF), 2000 2002.
- 90. Preparation of successful Global Environment facility (GEF) Pdf Block A request for the coastal regions of Namibia. For the ICZMC (coastal regional councils), the World Bank and the Global Environment Facility (GEF), 2001.
- 91. Marketing and Booking System for the South-North Tourism Route. For SNTRA and GTZ/Transform, 2001.
- Successful proposal and Implementing Agent for the Paulshoek Community-based Tourism Project. For Paulshoek Tourism Committee and the Department of Environmental Affairs and Tourism (DEA&T), 2001.
- 93. Planning, Environmental assessment and Development of the Rooiberg Complex in the Richtersveld Community-based Conservancy. For GTZ/Transform, 2001.
- 94. Facilitator for the Transfrontier Integrated Conservation and Development Workshop (Namibia/South Africa). For Conservation International, GTZ/Transform and the Department of Environment and Tourism (DEA&T), 2001.
- 95. Advisor and Implementing Agent for the Working for the Coast (CoastCare)
 Programme for the Northern Cape Province. For Marine and Coastal Management
 (MCM) of the Department of Environmental affairs and Tourism (DEA&T), 2001 2002.
- 96. Design and writing of successful proposal and subsequently Implementing Agent for the Richtersveld Waste Management Project. For Richtersveld Local Government and the Department of Environment and Tourism (DEA&T), 2001 2002.
- 97. Preparation of successful Global Environment Facility (GEF) PDF Block B request for the coastal regions of Namibia, namely the Namib Coast Biodiversity Conservation and Management Program (NACOMA). For the ICZMC (coastal regional councils), the World Bank and the Global Environment Facility (GEF), 2001 2002.

- 98. Facilitator for the Integrated Development Planning Process (IDP) 1999/2000 in the communal areas of the Richtersveld, South Africa. For Richtersveld Transitional Council and GTZ/Transform, 1999 2000.
- 99. Facilitator for the Integrated Development Planning Process 2001/2 for the Richtersveld Municipal Area, South Africa. For Richtersveld Local Municipality and GTZ/Transform, 2001 2002.
- 100. Facilitator in Richtersveld for the signing of the bilateral international Memorandum of Understanding for the Richtersveld/Ais-ais Transfrontier Park between South Africa and Namibia (on the South African side). For Peace Parks Foundation (PPF), 2001.
- 101. Social Plan Fund Phase I & II. Regeneration of Local Economy in the Richtersveld. Richtersveld Municipality, 2001.
- 102. Development of a Distance Learning and Information Sharing Tool (DLIST): internet-based information-sharing platform and distance-learning course on Integrated Coastal Zone Management for coastal stakeholders along the West Coast of South Africa and the four Namibian coastal regions. World Bank and IW:Learn, a GEF-funded initiative. 2000 2004.
- 103. Development of a SMME Strategy for the Richtersveld Municipality. For GTZ/Transform and the Richtersveld Municipality, 2002.
- 104. Strategic Plan for the Sustainable Use of Marine Resources in the Vilanculos Wildlife Sanctuary', Draft: October 2002. For the International Finance Corporation and IUCN.
- 105. Participate in preparation of a GEF full project brief for "Biodiversity Conservation and Community Development in Vilanculos Coastal Wildlife Sanctuary". IUCN / IFC / World Bank 2002.
- 106. Facilitation, Training and Capacity Building of the Richtersveld Community Property Association (CPA). For GTZ/Transform, 2002 2003.
- 107. Ecotourism marketing pilot for Madagascar. Critical Ecosystems Partnership Fund (CEPF). 2003.
- 108. Hardap Region Tourism Development Plan. Hardap Regional Council. 2003.
- 109. Environmental Advisor for the Coastal Areas of the Richtersveld in terms of Rehabilitation and Planning. For the Richtersveld Sida !Hub Community Property Association (CPA), 2003 2004.
- 110. Environmental Advisor to the Revolutionary Government of Zanzibar, Tanzania. Preparation of a five-year plan for the Sustainable Management of Land and the Environment (SMOLE). For the Ministry of Foreign Affairs, the Government of Finland and the Revolutionary Government of Zanzibar, 2003 2005.
- 111. Conceptualisation of the Greater Gariep Transfrontier Conservation Area (TFCA). For Conservation International, 2004.

- 112. Chief Technical Advisor, the Richtersveld Community-based Natural Resource Management (CBNRM) Programme. For Conservation International. 2002 2004.
- 113. Consultant to production of IUCN's Global Marine Promotional Film, 2003 2004.
- 114. Consultant to production of Benguela Current Large Marine Ecosystem (BCLME) promotional film, 2003 2004.
- 115. Consultation for linking coastal communities into the GEF- funded Benguela Current Large Marine Ecosystem (BCLME) Programme: in South Africa, Namibia, Angola. For BCLME Programme, 2003 2004.
- 116. Consultation on the establishment of the Orange River Mouth Transfrontier Conservation Area between Namibia and South Africa. For Conservation International, 2004 2006.
- 117. Feasibility study for the Transfrontier World Heritage Site (WHS) between South Africa and Namibia. For the Department of Environment and Tourism (DEA&T), South Africa and NORAD, 2003 2004.
- 118. Preparation of a local government mining policy for the Richtersveld Municipality. Richtersveld Municipality, 2003 2004.
- 119. Training in Local Economic Development (LED) of Mariental Municipality and Hardap Regional Council. For the Hardap Regional Council, Namibia, 2004.
- 120. Conceptualisation and facilitation of the Greater Gariep Transfrontier Conservation Area (TFCA) and building of transfrontier links with Namibian entities. Conservation International, 2004 2005.
- 121. Environmental Assessment (EA) training and preparation of an EA Manual for the Zanzibar government and other sectors of society as part of the Sustainable Management of Land and Environment (SMOLE) Strategy. For the Revolutionary Government of Zanzibar and the Ministry for Foreign Affairs, Finland, 2003 2005.
- 122. Analysis of the Institutional Capacity of the Namib Coast Regional Councils in Relation to the Decentralisation Process. For the National Government of Namibia and the World Bank, 2004 2005.
- 123. Rapid Assessment of the Development Plans, Biodiversity Conservation Projects and Socio-Economic Situation of the Namib Coastal Regions. For the National Government of Namibia and the World Bank, 2004 2005.
- 124. Chief Technical Advisor in the development of the 160 000 ha Richtersveld Community Conservancy with Social Responsibility Funding from the Department of Environment and Tourism (DEA&T), South Africa, 2005 2007.
- 125. Advisor on community-based land use planning by the Richtersveld Sida !Hub Community Property Association (CPA) in the northwestern coastal regions of the Northern Cape, South Africa, funded by a GEF Small Grant through the United Nations Development Programme (UNDP), 2004 2005.

- 126. Advisor on the Working for Wetlands rehabilitation programme at the Orange River Mouth Ramsar Site that is part of the ORM Transfrontier Conservation Area, funded by the South African National Biodiversity Institute, 2005 2006.
- 127. Advisor on the development of three courses in sustainable development in coastal areas for upgrading at the Cape Peninsula University of Technology (CPUT) in South Africa, and development in the University of Namibia (UNAM) and the Agostinho Neto University in Angola, funded by the Global Environment Facility (GEF) through UNDP, 2005 2006.
- 128. Rapid Assessment of the Proposed Pemba Channel Conservation Area (PECCA), a study for the United Republic of Tanzania/World Bank as part of the Marine and Coastal Environment Management Project (MACEMP), 2004 - 2005.
- 129. The Pemba Channel Conservation Area (PECCA) A Feasibility Study for Nomination as World Heritage Site, a study for the United Republic of Tanzania/World Bank as part of the Marine and Coastal Environment Management Project (MACEMP), 2005.
- 130. Mnemba Island and Chwaka Bay Conservation Areas: A Preliminary Situational Assessment for, and funded by the Revolutionary Government of Zanzibar, 2005.
- 131. Chief Technical Advisor, Orange River Mouth GEF Small Grant, including EIA course for local government, NGOs and CBOs. International Knowledge Management (IKM) and UNDP, 2005.
- 132. Rapid Assessment of Menai Bay Conservation Area, a study for the United Republic of Tanzania/World Bank as part of the Marine and Coastal Environment Management Project (MACEMP), 2005.
- 133. Nomination dossier for the proposed Richtersveld World Heritage Site. Funded by UNESCO. 2005 2006.
- 134. General Facilitation of the Coastal Management White Paper for Namibia. Funded by NACOMA/World Bank. 2006 2007
- 135. Training on Integrated Coastal Zone Management (ICZMC) and Sustainable Tourism in the PERSGA region (Djibouti, Egypt, Jordan, Saudi Arabia, Somalia, Sudan, and Yemen). Funded by PERSGA/GEF 2006 2007.
- 136. Contingency Plan for Management of Dune Belt Area between Swakopmund and Walvis Bay, Namibia. Funded by NACOMA/World Bank 2006 2007.
- 137. Draft National Strategy for East Coast Marine Research, South Africa. For the Department of Science and Technology, South Africa 2006 2007.
- 138. Nomination dossier for the proposed Le Morne World Heritage Site in Mauritius. Funded by Government of Mauritius. 2006 2007.
- 139. Management plan for the Le Morne coastal and mountain reserve protected area. Funded by the Government of Mauritius. 2006 2007.

- 140. Training Selected Members of Communities in Adventure Tourism in the Maloti-Drakensberg Transfrontier Project (Lesotho). Funded by MDTP/Global Environment Facility. 2006 - 7.
- 141. Management Plan for the Ae! Hai kahalari Heritage Park in the greater Kgalagadi Transfrontier Park. South African National Parks. 2008.
- 142. Management Plan for the Richtersveld Cultural and Botanical Landscape World Heritage Site. Northern Cape Provincial Government. 2008.
- 143. Vilanculos District Tourism Master Plan. Funded by Government of Mozambique/World Bank/GEF. 2008.
- 144. Training and Capacity Building Strategy NACOMA/World Bank/GEF. 2008.
- 145. Extension of Communication and Awareness Strategy. Government of Namibia/World Bank/GEF. 2008.
- 146. Provision of Technical Support for Development of Specific Conservation and Sustainable Use Investment Proposals at Site and Landscape Levels. Government of Namibia/World Bank.
- 147. Communications and Stakeholder Involvement (Agulhas and Somali Current Large Marine Ecosystem Programme). Global Environment Facility and the United Ntaions Development Programme (UNDP). 2009.
- 148. Vilakazi Street Precinct Tourism Study and Marketing Strategy. Johannesburg Development Agency (JDA), South Africa. 2009.
- 149. Preparation of Project Document for Maurice II Durable Project for the Government of Mauritius. Government of Mauritius. Government of Mauritius and the United Nations Development Programme (UNDP). 2009.
- 150. Kranshoek Land Tenure reform Project in South Africa. Department of Land Affairs, South Africa. 2009.
- 151. Rapid Assessment for the proposed Changuu-Bawe Marine Conservation Area, Zanzibar (Tanzania). MACEMP Project/Global Environment Facility (GEF)/World Bank. 2009.
- 152. Rapid Assessment for the proposed Tumbatu Marine Conservation Area, Zanzibar (Tanzania). MACEMP Project/Global Environment Facility(GEF)/World bank. 2009.
- 153. Cultural Landscape Mapping, Pemba, Zanzibar. Commission of Tourism, Department of Antiquities and Department of Surveys and Urban Planning, Zanzibar. 2009.
- 154. Management Plans for Banhine and Zinave National Parks in Mozambique.

 Government of Mozambique/World Bank/Global Environment Facility (GEF). 2009.

- 155. Development of Namibian Coastal Management Policy (White Paper) NACOMA Project. Government of Namibia/World Bank/Global Environment Facility (GEF). 2009.
- 156. Provision of technical support for the development of new specific conservation and sustainable use investment proposals at site and landscape levels in particular from Kunene and Hardap Regional Councils. Government of Namibia/World Bank/Global Environment Facility (GEF). 2009.
- 157. Preliminary Environmental Impact Assessment for road Catembe Ponta do Ouro. BETAR Consultores Ltda. 2009.
- 158. Preliminary Environmental Impact Assessment for bridge over the river Muira Tete. BETAR Consultores Ltda. 2010.
- 159. General Facilitator for the preparation of a National Policy for Maurice lle Durable. Green Paper. Government of Mauritius United Nations Development Programme (UNDP). 2010.
- 160. Friemersheim Land Tenure Reform Project in South Africa. Department of Land Affairs, South Africa. 2010.
- 161. Local Economic Development Plan. Le Morne Heritage Fund, Mauritius. 2010.
- 162. Cultural Landscape Mapping. Le Morne Heritage Fund, Mauritius. 2010.
- 163. Development of Environmental Economics Masters Course and Environmental Communication Masters Course. Hamdan Bin Mohammed E-University, Dubai. 2010.
- 164. Development of Biodiversity Indicators and Monitoring Support System for Namibia. SPAN/Ministry of Environment and Tourism/UNDP. 2010.
- 165. Development of a proposal for Multi-Purpose Resources Centres in Ras Mkumbuu, Pemba. Danida and the Ministry of Health and Welfare, Zanzibar. 2010.
- 166. Development Plan for the Aapravasi Ghat World Heritage Site. Aapravasi Ghat Trust Fund, Mauritius. 2010.
- 167. Scoping and Preliminary Environmental and Social Risk Assessment for GS Cimentos Cement factory and Limestone mine. CS Cimentos, SARL, and Coastal and Environmental Services. 2011.
- 168. Development of Environmental Risk Management Masters Course and Environmental Management Sytems Masters Course. Hamdan Bin Mohammed E-University, Dubai. 2011.
- 169. Development of Waste Management Systems Masters Course and Water Resource Management Masters Course. Hamdan Bin Mohammed E-University, Dubai. 2011.
- 170. Screening Assessment for the Expansion of the Existing Facilities at SANBS. South African National Blood Service (SANBS). 2011.

- 171. Identification and Development of Tourism Route for the Bojanala Platinum District Municipality. Bojanala Platinum District Municipality, South Africa. 2011.
- 172. Nomination of the Mulanje Mountain Forest Reserve as a World Heritage Site. Mulanje Mountain Conservation Trust. 2011.
- 173. Development of a Policy Brief on Observation of Environmental Change in South Africa. South African Observation Network (SAEON). 2011.
- 174. Provision of technical support for development of a diversified project concept towards a sustainability strategy and action plan for the implementation of Integrated Coastal Management (ICM) along the Namibian Coast. NACOMA/MET/World Bank. 2011.
- 175. Stakeholder Capacity Development Needs Assessment in Climate Change Adaptation Lesotho. Ministry of Natural Resources through Africa Adaptation Programme (AAP) Lesotho. 2011.
- 176. Environmental Protection Plan for Observatory Festival of Arts 2011. Observatory Village of Arts. 2011.
- 177. Development of Environmental Economics masters course and Environmental Communication masters course. Hamdan Bin Mohammed E-University, Dubai. 2010.
- 178. Development of Waste Management Systems masters course and Water Resource Management masters course. 2011.
- 179. Development of Environmental Risk Management masters course and Environmental Management Systems masters course. 2011.
- 180. Undertake a Baseline Study on the National Khoisan Heritage Route in South Africa. Department of Arts and Culture, South Africa. 2012.
- 181. Draft and Construct a Multifaceted Community Development and Land Acquisition Plan (CDLAP) for Ebenhaeser Land Claim. Department of Rural Development and Land Reform (DRDLR). 2012.
- 182. Preparation of the required documentation for submission to UNESCO for the nomination of The |Xam ‡Khomani Heartland as a World Heritage Site. !Ae!Hai Kalahari Heritage Park in collaboration with the Department of Arts and Culture. 2012.
- 183. Review and Rewrite the Conservation Management Plan (CMP) for Baboon Point Provincial Heritage Site (PHS). Heritage Western Cape (HWC), South Africa. 2012.
- 184. /Ai /Ais Richtersveld Transfrontier National Park Heritage Survey. /Ai /Ais Richtersveld Transfrontier National Park. 2012.
- 185. Development of the 2nd Integrated Conservation Management Plan for Robben Island Museum (RIM). Robben Island Museum (RIM), South Africa. 2012.
- 186. Lagoon Management Plan for the Le Morne Cultural Landscape. Le Morne Heritage Trust Fund (LMHTF). 2012 13.

- 187. Revision of the Local Economic Development Plan. Le Morne Heritage Fund, Mauritius. 2014.
- 188. Transboundary Water Management in SADC (SADC-RBO video documentaries). Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. 2013.
- 189. Development of a National Strategy for Coastal Awareness, Education and Training for South Africa. Department of Environmental Affairs, South Africa. 2013.
- 190. Development of a Guideline Document that aims to unlock sustainable economic development potential on land reform projects located within areas of biodiversity importance. Department of Rural Development and Land Reform, South Africa. 2013.
- 191. Stakeholder communication and mobilization plan for unlocking the development potential in the Bushbuckridge area with an emphasis on biodiversity conservation and local economic development. Department of Environmental Affairs. 2013.
- 192. Development of a National Strategy for Coastal Awareness, Education and Training for South Africa. Department of Environmental Affairs, South Africa. 2013.
- 193. Reef and Marine Recreation Management. Collaborative Actions for Sustainable Tourism (COAST) Project. Funded by UNIDO. 2011 2014.
- 194. Management Plan for the Le Morne Cultural Landscape: Integrated Managament Plan, Land management Plan, Lagoon Management Plan and Local Economic Development Plan. Le Morne Heritage Trust Fund. 2013 4.
- 195. Transboundary Water Management in five international river basins in the South African Development Community (SADC) region, stakeholder participation and filming project. For the Deutsche Gesellschaft für Internationale Zusammenarbeit. 2012 104.
- 196. Expanding coverage and strengthening management effectiveness of the Protected Area Network on the island of Mauritius. National Parks and Conservation Service and Ministry of Agro-Industry and Food Security. Funded by UNDP. 2012 2014.
- 197. Conducting a Heritage and Visual Impact Assessment for the Taung Skull World Heritage Site. North West, Department of Rural, Environmental and Agricultural Development, South Africa. 2015-2015
- 198. Preparation of a feasibility study for the Blue Flag Program in Mauritius. Ministry of Tourism and Leisure, Republic of Mauritius. 2015-2015
- Development of the Limpopo Environment Outlook Report. Department of Economic Development, Tourism and Environmental Affairs, Republic of South Africa. 2015-2015
- 200 Development of the Strategic Plan. Oman Heritage Projects Development & Management Company (OHPDMC), Oman. 2015-2015

- 201 Development of a Tourism Development Plan (TDP) for the Dorob National Park.
 Ministry of Environment and Tourism, Government of Namibia, and Namibian Coast
 Conservation and Management Project (NACOMA). 2015-2015
- 202 Development of Protected Area Integrated Management Plans for Ohrigstad, Andover, Nooitgedacht, SS Skosana, Mahushe Shongwer and Sterkspruit Nature Reserves. Mpumalanga Tourism and Parks Agency (MTPA), South Africa. 2015-2015

BOOKS

Six books were written and published and several have been distributed internationally (see: www.fopfilms.com), one of which was listed as a bestseller list in the United Kingdom.

DOCUMENTARY FILMS: SINGLE FILMS

Produced and/or directed numerous films of an environmental nature in over a sixteen countries (see: www.fopfilms.com), including for the Global Environment Facility (GEF), the United nations Development Programme (UNDP), the United Nations Environmental programme (UNEP), the World Bank, the BBC, and many others.

NGO ACTIVITIES

Serves as chairperson of a regional NGO, International Knowledge Management (IKM) (see: www.ikm.org.za), that has members in five African countries. 2003 - Present. Advises NGOs and CBOs, where and when possible.