

## KEY NOTE SPEAKERS

**Dr Chrispian Garth Olver**. Department of Environmental Affairs and Tourism, Private Bag x 447, Pretoria, 0001.

Dr Crispian Garth Olver is currently Director-General, Department of Environmental Affairs and Tourism. In this role he has coordinated the South African government's preparations for WSSD, overseen the reform of environmental legislation in South Africa, and given new impetus to transformation and economic growth in the fishing, tourism and conservation sectors. He has previously worked as a Deputy Director-General: Local Government in the Department of Constitutional Development. He was responsible among others for the Local Government White Paper, legislative framework and implementation of the new local government system, as well as coordinating the provision of municipal infrastructure, and regulating municipal finances at a national level.

He worked in the national RDP Office from July 1994 until June 1996, where he was in charge of development planning and local economic development. Previously he worked for various development NGO's, and was deputy Secretary General for the ANC in the Border Region. He has background training as a medical practitioner, and worked at Cecillia Makiwane Hospital, Mdantsane. He was a conscientious objector and a leader of the End Conscription Campaign in the 1980's.

**Prof Gerhard H Verdoorn**. Conservation Director. Endangered Wildlife Trust, Private bag X11, Parkview 2122, South Africa.

Professor Gerhard Verdoorn is the Conservation Director of the Endangered Wildlife Trust and also a trustee of the same organisation. He holds the position of special professor of Conservation Biology at the Rand Afrikaans University and has also obtained his Ph.D in synthetic organics chemistry from the same university in 1988. He spent two years in Israel on a post-doctoral fellowship at the University of Tel-Aviv. His research involved synthesis of natural products, medical molecules, plant secondary metabolites, genetics, haematology and toxicology of vultures, metal extraction from minerals and chemical soil stabilisation. During 1983 and 1984 he was a national serviceman in the South African Defence Force and continued with voluntary service for another 8 years in the Intelligence Corps. He is also a trustee of the De Wildt Cheetah and Wildlife Trust. His main focus is on wildlife toxicology, conflict resolution between wildlife and agriculture, and policy formulation for conservation. He is a consultant to the agrochemical industry on pesticide emergencies and responsible use of pesticides. He is also involved in the annual adjudication of the SA National Defence Force's Environmental Awards. He has published over 70 scientific papers and hundreds of popular scientific articles. The South African Chemical Institute, the Green Trust, the Audi Terra Nova and the Mazda Wildlife Fund have recognised his professional career with several awards in chemistry and conservation.

**Brig Ian McLeod (Retired)**. Regional Delegate to the Armed and Security Forces. Regional Delegation for Southern Africa and the Indian Ocean of the International Committee of the Red Cross, 790-794 Church Street, Sunnyside, Pretoria, 0132. Telephone 012 430 7335, Mobile 082 339 5913, Facsimile 012 430 4471, e-mail [armfo.pre@icrc.org](mailto:armfo.pre@icrc.org)

Ian McLeod is a former career officer in the British Army and retired in 1995 as a brigadier. He was commissioned into the Parachute Regiment and held various command, staff and training appointments in the UK and overseas.

On retiring from the British Army he worked in various organisations involved in the peace process in the Former Yugoslavia until he joined the International Committee of the Red Cross in 1999.

He is currently a member of the Unit for Relations with Armed and Security Forces of the ICRC and is involved in assisting armies to integrate the Law of Armed Conflict into their training and in enhancing the liaison and understanding between armed forces and the ICRC in conflict areas.

**Dr Dumisani Magadlela**. Director of Ekhaya Consulting Agency, PO Box 6 Noordwyk, Halfway House, 1687, Republic of South Africa, Tel (+2711) 318-3876, Mobile (+2782) 321-2213, E-Mail [dumi@netactive.co.za](mailto:dumi@netactive.co.za)

Development sociologist Dr Dumisani Magadlela is the Director of Ekhaya Consulting Agency. Of South African Nguni-Zulu parentage Dr Magadlela was born in Bulawayo, Zimbabwe, in 1967. He studied at the University of Zimbabwe later lecturing Rural Development there from 1990 onwards whilst completing his Ph D in Development Sociology on a fellowship in the Netherlands.

As a freelance consultant from 1996 he was attached to the Institute for Advanced Social Research of the Witwatersrand University, South Africa as a research fellow. He was involved in the consultation process towards the new Water Act promulgated in 1998 whilst working for the non-governmental organisation Land & Agriculture Policy Centre in Johannesburg as the rural poverty programme manager in assisting emerging farmers. In 1999 he joined the Working for Water programme of the Department of Water Affairs & Forestry until establishing his own consulting agency, Ekhaya, in 2002 where his focus lies largely in the areas of poverty relief, the environment, agriculture and HIV-AIDS in development sociology. In this capacity he is presently the national consultant for the United Nations Development Programme working with local government in South Africa on the integration of the HIV-AIDS and Poverty issues into mainstream development planning.

## A

**Ms Adré Aggenbach.** Assistant Director – Cultural Historical Management. DOD logistic Support Formation, Directorate Facilities Support Management, Private Bag X319, Pretoria, 0001. Tel +27 12 339 5316, fax +27 339 5524, e-mail [clogfac@global.co.za](mailto:clogfac@global.co.za)

Adré Aggenbach was born and raised in Cape Town, South Africa. She completed her BA Fine Arts degree and the Post Graduate Diploma in Museology at the University of Stellenbosch respectively during 1989 and 1991. She joined the SANDF as a civilian in April 1992 to be appointed as the Curator of the South African Air Force Museum situated at Air Force Base Swartkop. She was responsible for the management of the collections, displays and research. One of her main achievements during this period was the proclamation of AFB Swartkop as a Heritage Site.

She was appointed in her current post in April 1999 of executing cultural resources management in the RSA DOD. She is currently busy with her Masters degree in Architecture at the University of Pretoria, the title of her thesis is: 'A strategy for adaptive re-use of historical buildings in South Africa'.

**Brig. Gen. Nasser Mohammed Al-Ali.** P.O. Box: 37. Doha (Qatar). Telephone (974) 4614180, Mobile (974) 5031133.

Brig. General Nasser Mohammed Al-Ali is Special Assistant to the Chief of Staff, Qatar Armed Forces; and is a Member of Higher Advisory Committee, Government of Qatar. In addition he is the head for the Environment Security Unit of the Qatar Armed Forces.

Brig. Gen. Al –Ali holds a Master's Degree of the National Defense University USA. He is a graduate of King Faisal University (Saudi Arabia) where he received his Bachelors Degree in Air Studies. He is also a distinguished graduate of the Egyptian Naval Staff College and has a Bachelors Degree in Law from Beirut University.

Brig. Gen. Al –Ali has had a distinguished career in the Qatar Emiri Air Force, he was appointed as the leader of 8<sup>th</sup> Air Squadron in 1995, after two successful years as leader, he was given the command of Electronic Warfare Wing in 1997 followed by the command of Doha Air Base in 2000.

The Brig. Gen. has attended numerous military /civilian courses and has supervised many exercises and manoeuvres both on the national and GCC level. He has participated in a number of regional and international conferences and seminars. Brig. Gen. Al-Ali headed the Qatari Delegation in the Conference on Environmental Security Planning, Prevention, and Disaster Response held in Qatar in 2002.

**Staff Colonel (Sea) Mohammed Abdul Rahman Al- Jaber.** P.O. Box: 5152 Doha (Qatar). Fax (974) 790317,

Mobile (974) 5519145.

Staff Colonel (Sea) Mohammed Abdul Rahman Al- Jaber is a member, Board of Directors, Qatar Shooting Federation. He is also actively involved with Environment Security and matters relating to WMD control.

Colonel Al- Jaber is a graduate of Pakistan Naval Academy where he received his Bachelors Degree in Naval Sciences. He is also a distinguished graduate of the Pakistan Naval Staff College. In addition, he has qualified numerous military/ civil courses in various fields

Colonel Al- Jaber has had a distinguished career in the Qatar Emiri Navy, his salient assignments include command of a Gun Boat from 1986 to 1990 followed by command of a Missile Boat from 1991 to 1994. He was appointed as Commander Naval Training Centre in 1995 where he worked till 2002.

Colonel Al- Jaber has vast experience in seamanship, navigation and ship handling. He is also well versed with organising and conducting Naval Training and has extensive experience of human/material resource management and working/dealing with international and national organisations. He has participated in many Joint Military Exercises and Manoeuvres with GCC and friendly forces. The Colonel attended wide variety of Seminars, Conferences and Exhibitions during the course of his career.

**Mr Per Arvidsson.** Product Manager Small Arms Systems. Swedish Armed Forces Materiel Command. Tel: +46-8-782 4181, Fax: +46-8-782 4298, E-mail: [per.arvidsson@fmv.se](mailto:per.arvidsson@fmv.se), Web-site: [www.fmv.se](http://www.fmv.se).

Per Arvidsson is 42 years old, married and has one son.

He is an Engineer with a MSc in Gun System Technology. His current position is Chief Engineer and Product Manager for Small Arms and Light Support Weapons. He has been appointed as the Swedish delegate in NATO LG/3 "Close Combat Infantry".

His hobbies include family and house, target shooting, playing guitar in his rock band and flying airplanes.

## B

**Lt Col Vasile Badescu.** Chief of the Environmental Experts Group, General Inspectorate of the Romanian MoD (Environmental Experts Group), Institutul Medico, Militar Str. Nr. 3-5, Sector 1, Bucuresti. Tel No: 0040 21 314 97 02, Fax No: 0040 21 314 97 02, E-mail Address: [vasilebadescu@hotmail.com](mailto:vasilebadescu@hotmail.com).

Vasile Badescu was born in 1957, graduated from the University "Politehnica" in Bucharest in 1981, specialising in Nuclear Reactor Systems. Until 1989 he worked on the "Cernavoda Nuclear Power Plant" as designer engineer, fitting nuclear systems, and eventually as the first manager in the nuclear power plant-operation section.

After the Romanian Revolution, in 1989, Lt Col Vasile Badescu joined the Romanian Ministry of Defense as specialist in the nuclear field.

Since 1995 he was involved in the environmental issues where he served as environmental senior officer until his present appointment as Chief of the Environmental Experts Group in the General Inspectorate in the Romanian MoD.

The main task for him is to implement the Romanian environmental legislation in the military sector, coordinating environmental projects, as well as implementing EMS in the first pilot projects in some military installations.

**Captain Leonie Baird.** Staff Officer Environmental Services, DOD logistic Support Formation, Directorate Facilities Support Management, Private Bag X319, Pretoria, 0001. Tel +27 12 339 5337, fax +27 339 5524, e-mail [clogfac@global.co.za](mailto:clogfac@global.co.za)

Captain Leoni Baird joined the SANDF in 1991 after completing her studies in Nature Conservation at the Pretoria Technikon. She was appointed as an Environmental Services Officer at the Northern Cape Command in Kimberley responsible for management and co-ordination of all environmental management aspects on military training areas and bases within the borders of the Northern Cape Province. For two years (1993- 1994) she was appointed as Environmental Officer at SA Combat Training Center (then known as SA Army Battle School) after which she again returned to Kimberley, continuing her career as Environmental Manager.

During 1997 she obtained a Certificate in Environmental Education for the University of South Africa, experiencing the need to improve methods of education to enhance environmental awareness within the military.

Captain Baird was stationed in Kimberley until transfer to Pretoria at the end of 2001 where she is currently appointed in a botanist post as Specialist Environmental Services Officer at DOD Logistic Support Formation performing various tasks in terms of Natural Resources Management as a whole.

She is married to an officer in the South African Air Defence Artillery and has a daughter age seven.

**Lieutenant Colonel Milko Konstantinov Berner PhD.** General Staff of the Bulgarian Armed Forces - Arms Control Agency, 34, Tottleben Bld., Sofia 1606. Tel:: /+359 2/ 92 22 286, Fax: /+359 2/ 922 4894

Lt Col Berner studied chemical engineering, specialising in polymer technology as well as chemical warfare protection, decontamination and analyses at the Land Forces Military Academy, town of Veliko Tarnovo, Bulgaria. The same institution awarded a PhD to Lt Col Berner in 2000. His work experience include that of Senior Assistant Chief of the Department in CWC Implementation, Lecturer in organic chemistry and technology at the Land Forces Military Academy as well as chemical protection platoon commander.

**Mr Holmer Berthiaume.** Director Environmental Protection. Department of National Defence, 101 Colonel By Drive, Ottawa, Ontario, Canada K1A 0K2. Phone (613) 995-8850; Fax (613) 992-9422, [berthiaume.ht@forces.gc.ca](mailto:berthiaume.ht@forces.gc.ca)

Mr. Holmer Berthiaume is currently the Director Environmental Protection within the Canadian Department of National Defence responsible for the management of the Department's environmental policies and programs in the areas of hazardous materials, halocarbons, pollution prevention, contaminated sites, environmental engineering, and climate change. He holds a Bachelor of Applied Science degree in Civil Engineering.

Mr. Berthiaume has been responsible for major construction, maintenance and environmental activities at various Canadian Forces Bases and Wings including the management of the environmental cleanup and decommissioning aspects of the Cadin-Pinetree Radar System closure, one of the first major site decommissioning programs within National Defence.

**Captain Ryno Bezuidenhout.** Service Corps Regional Office Cape Town. P.O. Box 19060, Wynberg, 7824, South Africa. Telephone +27 21 799 6634, Facsimile +27 21 761 5851, Cellular 083 470 8893, e-mail [ctown@servicecorps.co.za](mailto:ctown@servicecorps.co.za)

I was born in George in the Western Cape on 13 May 1974. In 1992 I matriculated at Oakdale Agricultural High School, Riversdale. January 1993 I successfully completed the Junior Leaders Course at Infantry School Oudtshoorn and was promoted to 2<sup>nd</sup> Lieutenant. I was then transferred to the Kruger National Park Unit, where I completed my National Military Service. In May 1995 I re-joined the South African National Defence Force. I served as Training Officer, Acting Officer Commanding and in various other Departments in the Service Corps. Currently I am the Project Manager for the Working for Water Project on Department of Defence Property in the Western Cape.

**Major Jens A. Boiehoj.** Defence Command Denmark, P.O. Box. 202, DK-2950 Vedbaek, Denmark. Telephone: +45 45 67 45 67 (direct:+45 45 67 34 10), Fax: +45 45 89 07 48, e-mail: [fko@fko.dk](mailto:fko@fko.dk), (att. MJ J.A. Bøiehøj, MA1110).

Born: 29. September 1944 in Denmark. Graduated 1971 from The Army Academy. Staff Course 1976. Graduated as M.Sc. in civil engineering 1980.

Served as company commander, in Staff/Danish Division, in Staff/Land Zealand, Army Engineer and NBC Defense School and in Danish Defence Command.

Since 1997 in Danish Defence Command as specialist in environmental management, environment and nature protection

**Cpl Wallace Belzaser Botha (Wally).** Army Support Base Potchefstroom, Private Bag X2012, Noordbrug, 2522. Tel +27 18 289 3552 Fax +27 82 444 2694.

I started in 1993 in the former SADF as a logistical supply member (OSC). I was appointed as an Environmental Assistant at the Army Support Base Potchefstroom during April 2001. As I have no formal environmental qualification my appointed included a staff paper research on the management of erosion on the General De La Rey training area in Potchefstroom, this paper resulted in a 2<sup>nd</sup> place in the Annual DoD Environmental Awards for the individual Conservamus trophy. I am currently busy with my 1<sup>st</sup> year of my National Diploma Course in Nature Conservation at the Technicon SA

**Mr. Curtis M. Bowling.** Assistant Deputy Under Secretary of Defense for Installations & Environment/Safety and Occupational Health. Crystal Gateway 2; Suite 1500; 1225 Jefferson Davis Highway; Arlington, VA 22202. Phone: 703-604-1624; Fax: 703-607-1244; email: [curtis.bowling@osd.mil](mailto:curtis.bowling@osd.mil).

Curtis Bowling is an Assistant Deputy Under Secretary of Defense for Safety & Occupational Health and International Environmental Programs in the Office of the Secretary of Defense. He is responsible for safety; occupational health; fire and emergency services; international environmental compliance and cleanup efforts; and international defense environmental cooperation. Mr. Bowling has some 30 years of federal service, having worked for the Office of the Secretary of Defense, the Air Force, and the Army Corps of Engineers.

Mr. Bowling has a Bachelor of Science in Civil Engineering from Virginia Tech, a Master of Science in Environmental Engineering from Johns Hopkins University, and a Masters in Public Administration from Harvard University.

**Dr. Susan Breytenbach.** Department of Defence, Defence Secretariat, Policy and Planning Division, Private Bag X910, Pretoria, 0001. Tele +27 12 355 6978, Facsimile +27 12 355-5182, E-mail [dps@mil.za](mailto:dps@mil.za)

Dr Breytenbach received, in 1996, a Ph.D (General Language and Literature Science) from the Potchefstroom University. Her BA, BA (Hons) cum laude and MA degrees were completed at the University of Pretoria. She also completed short courses in Educational Technology and Policy Work.

In 1994 Dr Breytenbach joined the SANDF and served, as lieutenant, at the SANDF College for Educational Technology in posts as researcher and trainer. While serving as video scriptwriter, she was promoted to captain. After demilitarisation, she was appointed as Assistant Director (Policy Writer) at Joint Training Division. She represented her division at the DOD Environmental Review Forum. Currently she is appointed as Assistant Director (Policy Advisor) in the Policy and Planning Division.

**Lt Col André Fred Calitz.** Officer Commanding DOD Air Supply Unit. Department of Defence, Air Supply Unit, Private Bag X1017, Lyttleton, 0140, South Africa. Tel: +27 12 – 672 5180, Fax +27 12 – 664 0929, Cell, + 27 82 321 0859

Lt Col André Calitz was born on 28 June 1961. He joined the SA National Defence Force in 1980. During his career he held various positions in logistic posts, including 13 years at 81 Technical Stores Depot, service as Project Officer with the rationalization of 82 Technical Stores Depot at Youngsfield, Cape Town which amalgamated with 81 Technical Stores Depot in Pretoria during 1991 and 1992, Officer in Charge of various back loading exercises, recovering stores and equipment from the operational area in the former South West Africa and from military installations at Walvisbaai, Logistical Staff Officer (Class 1), at SA Army Logistic Command HQ, Officer Commanding of 83 Technical Stores Depot in Durban (today known as DOD Main Ordnance Subdepot).

He completed programmes in Total Quality Management at the University of South Africa and Logistics Management at the University of Pretoria. In 2002 he completed the Joint Senior Command and Staff Programme at the SA National War College.

In 2003 he was appointed at the DOD Log Support Formation as Logistical Staff Officer (Class 1), Commercial Vehicles and Transport Services. Since May 2003 he was appointed as Officer Commanding of DOD Air Supply Unit where he is currently serving

**Captain (N) Hermanis Cernovs.** Commander of Latvian Naval Forces Coast Guard Flotilla. Hapsalas street 15-31, Riga, Latvia, LV-1005. Mobile phone: + 371 9268809, fax: + 371 7353215, e-mail: [cernovs@yahoo.com](mailto:cernovs@yahoo.com).

Captain (N) Cernovs is the Commander of the Latvian Naval Forces Coast Guard Flotilla. His military career commenced in 1979 at the St Petersburg Naval Academy in Russia, progressing to the Naval Post-Graduate School and Naval Command College., until being re-assigned to the Latvian National Armed Forces from 1991 onwards. He has since completed the EU Senior Civilian Official's and NATO Defence College Senior officers' courses. He has received submarine training in the Soviet Navy and has served as weapons, operation and executive officer. He held an appointment as Deputy Chief of Staff of the Latvian Naval Forces before assuming his current position.

**Lieutenant Colonel Xinwen Cheng.** Staff Officer, Foreign Affairs Bureau, Headquarters, General Logistics Department, PLA. Official interpreter (People's Republic of China).

**Warrant Officer 2 Samual Chengan.** Army Support Base Durban. Facility Environmental Section, PO Box 21096, Bluff, 4036. Telephone +27 31 3691174, Fax +27 31 3691407.

WO2 S. Chengan's introduction into the environmental field started off in 1988 as a Buffer at SANAD (Redhill Klaver). He started with the project of clearing exotic vegetation from the base ie Rooikrans and Port Jackson. He then had an interview with the then Lt K. Dearlove now Cdr Le Roux, and was successful and then joined the Nature Conservation Section at Naval Base Simonstown.

Under the leadership of Lt K. Dearlove he continued with the project of removing exotic vegetation ie. Rooikrans and Port Jackson in a much greater volume managing approximately 50 contract labourers and 15 PSAPs. Due to this project Naval Base Simonstown was awarded the runners up position in Ecological Management for 2 consecutive years.

WO2 S. Chengan then applied for a transfer to Durban and interserviced to the SA Army joining the Environmental Section as the Environmental Manager of now ASB Durban. As Manager, he has led ASB Dbn to 2 runners up position in Water Efficiency and Conservamus category in their 1<sup>st</sup> year of existence and in 2001 under his management achieved two 1<sup>st</sup> positions in Water Efficiency and 1<sup>st</sup> position in the Conservamus category and runners up in the education and training category.

**Ms. Susan Clark-Sestak**. Institute for Defense Analyses; 4850 Mark Center Drive; Alexandria, VA 22311. Telephone: +1-703-845-2166; Fax: +1-703-845-2255; Email: [sclark@ida.org](mailto:sclark@ida.org)

Ms. Clark-Sestak has been a Research Staff Analyst at the Institute for Defense Analyses since 1986. She currently works on international environmental security issues, in support of the U.S. Office of the Deputy Under Secretary of Defense for Installations and Environment. She has participated in a number of international projects, including on base conversion and reuse, pollution prevention, and Arctic military environmental cooperation. Additional research activities include assessments of Russian security policy, conventional arms control, and military manpower issues. In addition to numerous journal articles and book chapters, Ms. Clark-Sestak is the editor of *Gorbachev's Agenda* and *Soviet Military Power in a Changing World*, and the co-author of *The USSR and the Western Alliance*.

**Martin Coulson OBE FRICS**. Assistant Director – Head, Rural Sustainability Policy (*The MOD Conservation Officer*), Defence Estates, Ministry of Defence (UK)

Martin Coulson took up the appointment of MOD Conservation Officer in April 2003. The appointment provides the focal point for heritage (buildings and archaeology), nature conservation and public access to the defence estate. His previous appointment was spent developing environmental management systems for the rural estate, including performance evaluation, environmental data requirements, and liaison over environmental training. The UK defence estate covers 1% of the United Kingdom.

He started his professional life as a land surveyor with what is now the Department for International Development, and was trained by the British Army's Royal Engineers. However, he eventually realised he had to settle down and took up lecturing posts in Portsmouth Polytechnic and later in Swansea University where he developed a specialist interest in defence-related environmental studies. This academic work complimented his service in the Army Reserve (Territorial Army), a hobby that led to the command of an Engineer Regiment and the Queen's award of an OBE in 1995. The Royal Institution of Chartered Surveyors elected him President of the Land Surveyors Division from 1996-97 and he continues to support them on the Council of European Geodetic Surveyors. He is delighted to be working in such an innovative and challenging field in the Ministry of Defence's estate organisation.

## D

**Captain Hennie Davel**. Staff Officer 2 Regional Environmental Management. RSA DoD Logistical Support Formation – Regional Facilities Interface Management Polokwane, Private Bag X9304, 0700, South Africa. Tel no +27 15 299 3087, Fax +27 15 299 3088, Polokwane, E-Mail [rjfn@mweb.co.za](mailto:rjfn@mweb.co.za)

The management of the establishment of Integrated Environmental Management Plans by establishing project teams to compile Environmental Management Plans and obtaining approval of mentioned plans as well as the management of the implementation thereof.

The management of Environmental Optimization Assessments by compiling the mentioned plan and monitor the execution thereof.

Management of Environmental Audits by establishing an audit team, execution of audits and supply feedback as well as identifying corrective measures.

Provide Environmental Management advice and assistance to General Support Bases (GSB's) in terms of assistance with setting the annual planning goals, participate in GSB's annual budget exercise, day-to-day advice on management aspects, negotiate external expertise for assistance, provide Environmental training support.

**Captain Thomas de Kroon**. 9 South African Infantry Battalion, SA Army, Private Bag X4, Eersteriver, 7103. +27 21 787 6100, Cell 0837882170, Fax +27 21 787 6155, E-mail [elrinadk@balltron.com](mailto:elrinadk@balltron.com) and [thomasdk@mail.com](mailto:thomasdk@mail.com).

Captain Thomas de Kroon was born in Cape Town, South Africa on 23 July 1974. He joined the SANDF in 1993

as a national serviceman and joined the permanent force on 1 September 1995. His military career led him to a 3 year full time degree at the University of Stellenbosch's Faculty of Military Science at the Military Academy in Saldanha. Here he graduated with a BMil in Management Sciences in December 2000. From January 2001 he started his BMil Honours in Military Geography on a part time basis, his degree focussing on Environmental Studies and Geographic Information Systems. Presently he is still staffed as an infanteer in the DOD but as an extra profile is appointed as the Environmental co-ordinator of 9 SAI Bn.

**Prof María Susana Dietsch.** Argentine Ministry of Defense. Azopardo 250 .- Buenos Aires City – Argentine Republic. Tel 54-11-4346-8800 Ext. 8167, Fax 54-11-4346-8878, e-mail mardie@mindef.gov.ar

Ms. María Susana Dietsch joined the Ministry of Defense (MoD) in 1992 as an advisor in the Directorate for Research and Development. In March 1998, she was assigned to the Directorate for Policy and began to deal with the Environmental Issues within the MoD.

Currently, she is the Executive Secretary of the Defense Environmental Committee and the Coordinator of the Environmental Issues Subgroup created in 1998 under the US – Argentina Defense Bilateral Working Group. In addition, she assists the Director for Policy on bilateral international issues.

She has represented the MoD in several events related to Environmental Issues within the country and overseas. Ms. Dietsch studied Mathematics and received a Bachelor degree at the “*National Senior Technical Professorate Institute*” in December, 1985.

She speaks English fluent and writes it without difficulty. Ms. Dietsch was born in the city of Buenos Aires on January 7<sup>th</sup> 1963. She is married and has three sons.

**Captain Zolile Dladlu.** Army Support Base Youngsfield

Zolile Dladlu was born 02/04/1955 at Beaufort-West. He is married with four children, two boys and two girls. The eldest has finished her studies.

He started working in 1979 as a Glerk Gr II with the old Ciskei Government at the Department of Health and Welfare, Personnel Section.

He was transferred to the Department of Defence on his request when the Defence was started there. He was also detached to the Department of Foreign Affairs and was posted to the Ciskei Embassy in Pretoria as the Deputy Attaché. Back from Pretoria he was in charge of Planning Division and left in 1990 being in charge of the Personnel Division.

He joined Sanlam Insurance as a Marketer in 1990 until 1993. In 1995 he integrated. He joined the SANDF as a Transport 2IC at WP Command Maintenance Unit. He became Company Commander of the Transport and in June 2001 he was staffed as the Environmental Officer of the Army Support Base Youngsfield in Cape Town. Zolile is presently doing distance studies with the Pretoria Technicon studying Corporate Environmental Management Tools.

**Warrant Officer Class 1 S.P. (Fanie) Dreyer and Ssgt Stelélendia Dreyer.** Army Support Base Polokwane. Private Bag X9304, Polokwane, 0700, South Africa. Telephone +27 15 453 0684, Fax +27 15 453 0684.

Training Area Manager of Sterkrivier Training Area where the main functions is supervision of Integrated Military Training. Facility Management NCO and Log NCO on Sterkrivier Training Area where assistance is given to the Training Area Manager with the execution of his tasks.

The core function on a Training Area such as Sterkrivier Training Area is to ensure the sustainability of such an

area for Military Training. Therefore impact management forms the basis of the tasks.

Activities includes: waste management, maintenance of all firebreaks, veld shooting ranges, erosion management, grass monitoring and facilities etc. on the Training Area. Impacts are being identified and action plans are compiled accordingly.

Presentations to all visitors wrt MIEM are given to ensure that users comply with the management strategies of the area.

Constant monitoring actions are being executed to evaluate the success of current action plans.

**Captain Johan du Plessis**. General Support Base Thaba Tswane. Tel +27 12 355 4634 Mobile Phone +27 84 666 3736 Facsimile +27 12 355 4500

Johannes Jurie du Plessis born on the 26 May 1976 in Pretoria, South Africa. Completed his Secondary Education at Rob Ferreira High School, Witrevier in 1994. Started his military career in January 1995 at Heidelberg Army Gymnasium. Completed his B – Mil degree at the Military Academy, Saldanha in December 2000. Appointed as the Environmental Manager at the General Support Base Thaba Tshwane in March 2003.

## E

**Ms Ilona Ekmane**. Ministry of Defence, Latvia. 10/12 Kr.Valdemara Street, Riga, LV 1473. Phone: 00 371 733 5218, Fax: 00 371 721 2307, e-mail: [ilona.ekmane@mod.gov.lv](mailto:ilona.ekmane@mod.gov.lv)

Mrs. Ilona Ekmane was appointed Environmental Advisor to the State Secretary of the Ministry of Defence of the Republic of Latvia and assumed her duties on the 1<sup>st</sup> of August 2000. Since 2002, NBC defence issues have been included in Mrs. Ekmane's field of responsibilities.

Mrs. Ekmane has a great deal of experience dealing with environmental protection issues. She started her career in 1994 as Assistant to the Parliamentary Secretary of the Ministry of Environmental Protection and Regional Development of the Republic of Latvia. From 1995-1998, Ilona Ekmane served as Assistant to the State Secretary of the Ministry of Environmental Protection and Regional Development. In 1998, she was appointed Assistant to the Minister of Environmental Protection and Regional Development. Mrs. Ekmane held this position until 2000.

The Ministry of Defence has acknowledged the achievements of Mrs. Ekmane in the military/environmental field. Ilona Ekmane has been awarded "The Sign of Honour and Acknowledgement" with the distinction of the Minister of Defence.

Mrs. Ekmane is a graduate of the University of Latvia. She has a Bachelor's degree in geography and a Master's degree in environmental science.

Ilona Ekmane has been an active member of the Society of Geographers of Latvia since 1990.

**Lieutenant Colonel Josias E. Esterhuizen**. Joint Support Base Wonderboom, FPO 1, Pretoria, 0106. Tel + 27 12 529 0453, Fax +27 12 529 0260.

I started my service in the SADF in February 1990 as National Serviceman. I completed Basic Training at 1 Maintenance Unit in Kimberly. Then went to the Ordnance School in Voortrekkerhoogte and completed Junior Leaders Training. From August 1990 I was active at 7 Div Mob Cen. During Jan 1998 I was transferred to the JSB Wonderboom as the Officer in Charge of Executive Support Services as the project officer to establish the ESS Wing. During August 2002 I was promoted to Lt Col in the same post.

During this time I completed Officers Formative Course, Military Law, all promotional courses, Integrated Sub Unit Commanders and Junior Command and Staff Duties course.

From 1997 to 1999 I studied at the Technicon Pretoria and obtained a National Diploma in Purchase Management.

## G

**Captain Themba Gcabashe**. SANDF College of Educational Technology

Captain Gcabashe was born on 8 September 1973. He has a language proficiency of three languages namely English, Zulu and Sesotho. He was a member of the Azanian Peoples Liberation Army before attestation into the SANDF.

Captain Gcabashe is currently staffed in the post of Adjudant at COLET.

**Lieutenant Colonel Francois Gerber**. Military Veterinarian, South African National Defense Force, Pretoria, Republic of South Africa, Private Bag X102, Centurion, 0046, Tel +27 12 671 5113, Cell +27 82 809 9812, Fax +27 12 663 1578.

1989 National service veterinarian, responsible for 200 Border patrol horses and 60 Military dogs. Also State Veterinary clinic doing Brucellosis and TB control and clinical services in the region.

From 1990 - 1994 assistant in general veterinary practices doing companion animals, farm animals and equine work.

From 1994 - 2001 military veterinarian in Messina. Responsibilities included 150 Border patrol horses, 95 Military dogs, and game work consisting of immobilisation, capture, transport and relocation

2001 appointed as SO1 Wildlife Services in the Military Veterinary institute. Responsible for (1) clinical services for sick and injured game, (2) capture and relocation of game, (3) game immobilisation, (4) terrain management plan inputs and disease surveillance of game on SANDF property.

Education: B.Sc. (1980) B.Sc. (Hons.) Animal Physiology (1982), B.V.Sc. (1988), Presently enrolled for an M-Phil. (Wildlife Management)

**Col Seakle K.B. Godschalk**, Joint Support Division, South African Department of Defence, Private Bag X319, 0001 PRETORIA, South Africa. Tel +27123395162, fax +27123395159, godschal@mweb.co.za

Seakle Godschalk holds a Masters in Science. His research covered the dispersal of mistletoes by birds, on which subject he is an acknowledged world expert.

After joining the South African National Defence Force in 1979 he was responsible for the establishment of military integrated environmental management in the department. His motto is: "*Green Soldiering*". He serves as the Senior Staff Officer Environmental Services. In 1997 he was appointed the RSA Co-chair of the Environmental Security Working Group of the RSA-USA Defence Committee.

In 2000 he completed the Executive National Security Programme at the SA National Defence College. His research paper dealt with "*Waging war over water in Africa - The conflict potential of a scarce natural resource - past, present, future*".

**Lieutenant Colonel J.C. Greyling**, SO1 Environmental Manager. Department of Defence. Logistic Support Formation, RFIM Pretoria. Telephone: +27 12 674 4220, Facsimile: + 27 12674 4199, Mobile: + 27 83 271 2358

SO1 Environmental Manager RFIM Pretoria (2000 – Present)- Management of environmental services on regional level for the Gauteng and North West Provinces. - Auditing of military installations and terrains for legal compliance / non-compliance.- Introduction of environmental management systems and procedures in accordance to ISO 14000 Series. SO2 Environmental Manager RFIM Pretoria (1999 - 2000)- Management of environmental services on a regional level. Acting SO2 Environmental Officer SA Air Force Head Quarters (1998 – 1999)- Management of SA Air Force environmental services. SO2 Environmental Officer AFB Swartkop (1993 – 1998)- Management of environmental services on Base and Training Area level.

## H

**Ms Heidi Hirsh.** Headquarters United States Marine Corps, Installations and Logistics Department, 2 Navy Annex, Room 3109, Washington DC, Tel 20380-1775, Fax 703-695-8240, e-mail [hirshh@hqmc.usmc.mil](mailto:hirshh@hqmc.usmc.mil)

Heidi Hirsh began working at the Headquarters, U.S. Marine Corps in January 2001. She represents the Marine Corps as a technical and legislative authority on issues relating to natural, cultural, and marine resources, invasive species, law enforcement, endangered species, and compliance with the Endangered Species and National Environmental Policy Acts. She was Chief of Conservation Resources at Andersen Air Force Base Guam from 1990-2000 where she was instrumental in creating the Department of Defense invasive brown tree snake control program, establishment of the first Marine Resources Preserve in Micronesia, and designation of the Guam National Wildlife Refuge Overlay.

**Mr. Oddvin Horneland.** Senior Adviser. Royal Norwegian Ministry of Defence, P.O. Box 8126 Dep, NO-0032 Oslo, NORWAY. Tel: +47 2309 2201, Fax: +47 2309 2246, E-mail: [oddvin.horneland@fd.dep.no](mailto:oddvin.horneland@fd.dep.no)

Senior Adviser on Long Term Defence Strategic Planning, Royal Ministry of Defence (1988-); currently participating in developing the next long term plan for the Norwegian Defence; co-ordinator of international defence environmental activities and Norwegian Programme Co-ordinator for the Arctic Military Environmental Co-operation (with Russia and U.S.A.) (1995-2001); adviser on defence environmental planning, developed and implemented the first Environmental Action Plan for the Norwegian Defence (1988-1995); consulting to local and regional governments on planning and development issues (1977-1988). M.Sc. (Norwegian Institute of Technology, 1976). Born 1953.

**Lieutenant A. Human.** Director Facilities Support Management, Logistics Support Formation, Private bag X319, Pretoria, 0001, South Africa. Tel +27 12 339 5320, Fax +27 12 339 5524, [nelhuman@webmail.co.za](mailto:nelhuman@webmail.co.za)

Lt Anélle Human is currently being utilised in the Soil Science post, as part of the Specialist Environmental Services Team. She obtained a B Sc degree, majoring in Botany, Zoology and Soil science, from the Potchefstroom University for Christian Higher Education. Lt Human is the project officer for an erosion rehabilitation project; a joint venture between a civilian company, Alnet and the DOD. In this project rolls of shade netting is used to allow the rapid draining of water; without losing the solid matter. She is also an active member of the International Erosion Control Association. This is her third year in the military environmental management arena.

**Ms Rebecca S. E. Ingmarsdotter.** Environmental Coordinator, Joint Environmental Department-Training and Management. Swedish Armed Forces Headquarter, SE-107 85 Stockholm. Tel: +46 8 562 816 94, Fax +46 8 562 816 95Mail: [rebecca.ingmarsdotter@hkv.mil.se](mailto:rebecca.ingmarsdotter@hkv.mil.se).

Ms Rebecca Ingmarsdotter is the Environmental Co-ordinator, Joint Environmental Department-Training and Management at the Swedish Armed Forces Headquarter. She holds a Bachelor of Science in Environmental Energy Engineering from the University of Malardalen in Sweden, having based her final thesis on a comparative study between the energy sector in Iceland and Sweden. Ms Ingmarsdotter has served as Environmental coordinator responsible for Environmental Management Systems at the National Fortification Administration. She

has international experience in working with NATO's Committee on the Challenges of Modern Society's project on sustainable buildings in military infrastructure as well as participation in the proceedings of the Nordic working group.

## J

**Lt Col J.A. (André) Jacobs.** Military Academy, Private Bag X2, Saldanha, 7395. Tel. 022-7023109, Fax. 022-7023060, e-mail: [andre@ma2.sun.ac.za](mailto:andre@ma2.sun.ac.za)

Lt Col J.A. Jacobs obtained a National Diploma for Technicians (Cartography) in 1979 from the Pretoria Technikon. He graduated with a BSc degree in 1988 from the Potchefstroom University after which he obtained an Honours degree in Geography and Environmental Studies from the same university in 1992. In 1999 he completed a MSc degree in Geography and Environmental studies at the University of Stellenbosch.

Lt Col Jacobs joined the SANDF in 1975. Having been a cartographer for 21 years and a member of the South African Engineer Corps, Lt Col Jacobs served from 1982-1993 as squadron commander Terrain Trafficability Squadron and from 1994-1995 as officer commanding 4Survey and Mapping Regiment.

Lt Col Jacobs joined the SA Military Academy in 1996 as lecturer in the Subject Group Military Geography, Faculty of Military Science, University of Stellenbosch where he teaches Geomorphology, Military Terrain Analysis and Environmentally Responsible Defence. He currently chairs the School for Geospatial Studies and Information Systems at the Faculty.

He presented 10 research papers at five different international and national conferences and published one article in a national journal.

**Ms Irma Jakimavičiūtė.** Environmental Coordinator. Ministry of National Defence, Totorių 25/3, LT-2001 Vilnius, Lithuania. Tel + 370 5 273 55 68, Fax + 370 5 273 55 68, e-mail [irmaj@pastas.kam.lt](mailto:irmaj@pastas.kam.lt).

Professional experience from 2000 to present - employed as an environmental coordinator at the Ministry of National Defence of Lithuania; duties concerned: formation of defence environmental strategy and program, implementation of environmental requirements referred to national and international documents, development of defence environmental regulations, supervision of environmental management system, cooperation with civil environmental and scientific institutions, elaboration of international defence environmental cooperation.

Academic background include undergraduate studies in Biology at Vilnius University, Lithuania, graduate studies in Ecology at Vilnius University, Lithuania as well as graduate studies in Ecology, Uppsala University, Sweden.

**Captain H.S. (Hennie) Janse van Rensburg.** Lecturer Military Geography. Military Academy. Private Bag X2, Saldanha, 7395. Tel +27 22 702 3108, Fax +27 22 702 3060, Email: [Hennie@ma2.sun.ac.za](mailto:Hennie@ma2.sun.ac.za)

Capt Janse van Rensburg joined SAMIS in 1993 after completion of his national service in the former Danie Theron Combat School. He completed the degrees B. Mil (Human Sciences) and Honours B.Mil (Military Geography) at the Military Academy. He subsequently accepted a post as a lecturer in Military Geography at the Military Academy in 1998 and obtained the degree M.A. Geography and Environmental Studies from the University of Stellenbosch. He has lectured an array of geographic courses, including Geographic Information Systems, Urban, Sub-Saharan African, Political, Economic and Development Geography.

**Captain Roderick Jeffery.** SA DOD Logistical Support Formation. Regional Facility Interface Management - Cape Town. PO Box 320, Milnerton, South Africa, 7435. Telephone +27 21 787 1189, Fax +27 21 787 1270, Mobile 082 870 9140, Email [rjeffery@absamail.co.za](mailto:rjeffery@absamail.co.za)

Capt Jeffery studied at the University of Pretoria where he obtained his BSc degree, a Higher Diploma in Education and his BSc Honors Degree in Wildlife Management. He worked for a year on the compilation of the Ecological Management Plan for the Quisama National Park in Angola.

He joined the SA National Defence Force in 1997 where he was appointed as the Environmental Officer at the School of Infantry from 1997 - 2000, and later became the Environmental Services Manager at the Army Support Base Oudtshoorn. He was then appointed in 2002 as a staff officer at the RFIM Cape Town office as the Regional Environmental Manager and is responsible for environmental management in the Western Cape region.

**Ms. Vivi Johansen.** Head of Section. The Danish Ministry of Defence. Holmens Kanal 42  
DK-1060 Copenhagen, Denmark. Telephone: +45 33 92 33 20 (direct: +45 33 92 24 59),  
Fax: +45 33 32 06 55, E-mail: [fmn@fmn.dk](mailto:fmn@fmn.dk) (att.: Vivi Johansen, 5. Division).

Graduated as Master of Law in 1999 from the University of Copenhagen

Has since 2000 served as Head of Section in the 5. Division of the Danish Ministry of Defence. Responsibilities: Legal advisor concerning environmental affairs, the Environmental Policy of Danish Ministry of Defence, international military environmental co-operation in the EU, the Baltic Region and NATO CCMS.

Born: 1. January 1972 in Denmark.

**Lieutenant C.B. Jonker.** Army Support Base Ladysmith.

I started my military career at the Army Gymnasium in 1997 where I did my Junior Leader training and by 06/12/97 I was promoted to the rank of 2Lt.

Once my training was completed I was transferred to 115 SAI Bn where I worked as a group commander in the reconnaissance platoon for a period of 2 years, where after I was internally transferred and became a platoon commander.

In Feb 2000 I was transferred to 5 SAI Bn as a group commander in the anti-tank platoon and in Aug 2001 was transferred to ASB Ladysmith as the Environmental Manager where I am still currently working.

**Lieutenant P.J. Jordaan.** South African Air Force (SAAF) Environmental Officer, Pienaarsrivier Training Area. Air Force Base Waterkloof, Private Bag X1001, Lyttleton. Tel +27 12 672 3241, Fax +27 12 672 3028.

Lieutenant Jaco Jordaan completed 17 Environmental courses at the University of Potchefstroom, including ISO 14001 EMS, Environmental Law, Environmental Impact Assessments, Auditing, Waste Management, Water Quality Management etc. He completed the National Diploma in Nature Conservation from Technikon SA in 1998. He started his career at AFB Hoedspruit as Environmental assistant, which entailed ecological management, base environmental management and environmental education, from 1995 till 1998. He moved on to AFB Waterkloof in 1998 as environmental assistant, which entailed base environmental management. He is currently staffed at Pienaarsrivier Training Area (Ditholo) as Officer in Charge including ecological management and environmental education.

## K

**Flight-Sergeant Tanya Kemp.** Environmental Services Representative, AFB Waterkloof and Fse's. South African Air Force (SAAF) Environmental Manager. AFB Waterkloof, Private Bag X1001, Lyttleton. Tel +27 12 672 3241, Fax +27 12 672 3028.

Flight-Sergeant Tanya Kemp was born the 23<sup>rd</sup> March 1976 in Carolina, South Africa. She matriculated at Frans du Toit High School in 1994. She joined the South African Air Force in May 1995, and was first appointed in Human Resources and was stationed at the School for Logistics Training (68 Air School). Thereafter she was transferred to Air Force Base Hoedspruit and finally Air Force Base Waterkloof. She re-mustered from Human Resources to Environmental Services in July 2001. She was transferred to General Support Base Garrison for the formulation of the General Support Base, for the duration of that year. She is currently stationed at AFB

Waterkloof. Tanya was involved in Base Environmental Management and Training Area Management. She is currently busy with a B.Sc degree with Botany and Biochemistry as her main subjects. Tanya has also completed an ISO14001 course, as well as courses in Landscape Design.

**LTC Lutz Kleintges, GE-A, NATO School, Oberammergau, GER.** Lieutenant Colonel Lutz Kleintges is Department Director of the Weapons of Mass Destruction (WMD) Department at the NATO School, Oberammergau, Germany. This Department organizes and develops the NBC and Environmental Courses at the NATO School. LTC Kleintges is the representative of the NATO School on and is member in various international boards and organisations.

LTC Kleintges has been a German NBC and Environmental Officer for the past 29 years. In the first 20 years of his military career in the German Armed Forces he served in several positions in different NBC-battalions and at the German NBC School. From 1994 -2002, he was the environmental officer at the Military District Command Kiel. In this position he was responsible for all military environmental issues and the development of management plans for all military training areas in the northern region of Germany.

In 1995/1996, he was the NBC and Environmental Officer for the German Contingent (IFOR) in Croatia. In 2001, he was an Environmental and CIMIC Officer in Kosovo.

Since July 2002, he has been a member of the NATO School. Up until June 2003, he was as a course director and instructor responsible for organizing and developing the environmental courses at the NATO School.

**Captain Willie Koekemoer.** Staff Officer 2 Information Support Management. RSA DoD Logistical Support Formation – Regional Facilities Interface Management Polokwane, Private Bag X9304, Polokwane, 0700, South Africa. Tel no +27 15 299 3028, Fax +27 15 299 3088, E-Mail: [rjtfn@mweb.co.za](mailto:rjtfn@mweb.co.za)

The management of the Facility Register System (FRS) on regional level which includes the capturing of data of all administration, care, maintenance and accounting of facilities including State and leased buildings and ground.

The implementation and management of a Geographic Information System on a regional level which includes the collecting of data and updating of the GIS.

**Mr. Jon Erling Krabbe.** Danish Forest and Nature Agency, the Danish Ministry of Environment. National Forest and Nature Agency, Haraldsgade 53, DK-2100 Copenhagen, Denmark. Telephone: +45 39 47 20 00 (direct +45 39 47 25 07), Fax: +45 39 47 25 48, e-mail: [ekr@sns.dk](mailto:ekr@sns.dk).

Master of Science, Biology, 1987, Copenhagen University.

Mr. J. Erling Krabbe has a solid experience in the field of nature conservation policies, management and administration. He has scientific experience from terrestrial ecology, and has taught invertebrate zoology at university student level. Since 1981 he has been engaged in national and international nature management, restoration and conservation as Head of Section in the Divisions of Ecology and Forest Planning in the National Forest and Nature Agency (Ministry of Environment) of Denmark. During this period he has been appointed as Danish representative at several international committees and conferences on nature conservation (Nordic Council, ECE, RAMSAR, EU). He is now Head of Section in the Forest Planning Division of the National Forest and Nature Agency.

Born: 25. September 1952 in Denmark.

**Lt Col J.C. Krynauw.** Air Force Office, Director Logistics, Private Bag X199, Pretoria, 0001. Tel +27 12 312 2598, fax +27 12 312 1252.

Colonel Krynauw was born in the former province of the Orange Free State and matriculated at Vrede High School. He joined the South African Air Force on 21 July 1958 as an apprentice Fitter Aircraft. He got married in 1966 and has 4 married children. He received commission at the Air Command in 1976 where he held several posts as non-commissioned and commissioned officer. He went on pension in 1996 after completing 38 years of service. He is currently a Reserve Force member in the Air Force Office's Directorate Logistics and responsible for Environmental Management and Nature Conservation.

**Mr Lubomir Kusnir.** Ministry of Defense of the Slovak Republic, Kutuzovova 8, 832 47 Bratislava, Slovak Republic. Tel.: 00421 2 44250320, Fax: 00421 2 44258 788, e-mail: [kusnir@mod.gov.sk](mailto:kusnir@mod.gov.sk)

Mr. Lubomir KUSNIR is representing Infrastructure and Environmental Protection Division of the Ministry of Defence of the Slovak Republic. He has worked for developing of the Slovak Defense Environmental Policy from 1994.

During this period he worked closely with the Ministry of Environment of the Slovak Republic on the several national issues connected with the protection of environment within military sector. He was involved in the clean up activities in the military training areas where the former Soviet army was deployed. He also was a member of the government committee which has prepared conditions for accessing the Slovak Republic to the Montreal Protocol, he was involving in the nature protection issues within military sector.

At present he is working on developing of database of contaminated sites in the military installations and facilities. Mr. Kusnir has been designated as an Environmental Management Specialist in the Ministry of Defence. His role is to coordinate implementing Environmental Management System to the Slovak Armed forces according to norm ISO 14 001.

He attended a several NATO/CCMS Pilot Studies connected with protection of Environment in the military sector, Environmental Management Systems, Reusing of Former Military Lands, Environmental Security, Environmental Education in the Armed Forces etc. Mr. Kusnir is a National coordinator CCMS.

Prior to joining Ministry of Defence, Mr. KUSNIR worked as an engineer in architecture/engineering projecting firm. He is a civil engineer. Mr. KUSNIR is graduated from Technical College KOSICE in 1987 with a B.A. degree in Land Buildings.

L

**Warrant Officer 1 F.J. (Lappies) Labuschagne.** Army Support Base Lohatla. Private Bag X3002, Postmasburg, 8420. Telephone +27 53 321 2043, Fax +27 53 321 2043.

He was born and raised in Zimbabwe and matriculated in Ellisras. His late father was a Game Warden at Mana Pools National Park in Zimbabwe, and was also involved in operation Noah with the removal of game from the islands on Kariba Dam whilst it was filling up.

He was called up for National Service in 1977 and was stationed at 4 SAI Middelburg, until 1978. In 1979 he was transferred to 101 Battalion until 1989. In June 1989 he was transferred to Army Battle School, Lohatla. He served at the following units: Infantry Branch, Base Maintenance and 61 Mech Bn GP.

He has been involved in Environmental Management on Lohatla since 1989, especially Black Eagles. Presently he is in charge of the Tactical HQ Training area.

**Colonel Eduard Latyshev.** Head of Group, International Cooperation, Directorate of the Chief of Ecological Safety of the Russian Armed Forces, Ministry of Defence of Russia, 19, Znamenka; Moscow; 119160, Russia. Tel/ Fax +7 (095) 157-86-34

Colonel Eduard Latyshev is the Head of Group, International Cooperation, Directorate of the Chief of Ecological Safety of the Russian Armed Forces, Ministry of Defence of Russia.

His responsibilities include being Co-chair of the Russian Steering Group of the Arctic Military Environmental Cooperation Program. He is also responsible for the coordination of trilateral projects with the U.S. and Norway related to the dismantlement of nuclear submarines in the North-West of Russia.

**Lieutenant Colonel Marius (Lappies) Laubscher.** First Staff Officer, Regional Environmental Management, Regional Facilities Interface Management Office, Cape Town, PO Box 1, Cape Town, 8000. Telephone +27 21 787 1189, Facsimile + 27 21787 1270, Mobile 082 3824 286, E-mail [vanzylfm@iafrica.com](mailto:vanzylfm@iafrica.com)

Lt Col Laubscher (Lappies) started his military career in the Infantry from 1979 to 1982. After completion of his national service he studied at the University of Stellenbosch where he obtained a BSc degree, a Higher Education Diploma and a BSc Honors Degree in Botany (Eco-Physiology). He was a teacher for two years at the Higher Technical School Windhoek where he taught Agricultural Science.

He returned to the former SA Defence Force and was appointed as a Nature Conservation officer at the former WP Command. He was later appointed as logistical officer at 9 SA Infantry Battalion where he served for three years. He then got the appointment as SO1 Regional Environmental Management at the RFIM Cape Town and he is responsible for environmental management in the Western Cape region.

**Captain Adrienne Le Roux.** Army Support Base Potchefstroom, Private Bag X2012, Noordbrug, 2512. Tel +27 73223 9352, Fax +27 18 289 3502.

1980 – 1983 Training as photogrammetrist at Chief Directorate Surveys and Mapping in Mowbray Cape Town and qualified as Artisan Photogrammetrist.

1984 – 1986 Worked as Photogrammetrist at 47 Survey and Mapping Squadron on Analytical Stereoplotters and OrthoPhoto mapping System.

1986 – 1989 Worked at civilian companies as senior Photogrammetrist in Engineering mapping including flight planning and surveying.

1991 – 1994 Received my training in GIS and Computer mapping.

1994 – Current I have been in charge of North West Province Army GIS capturing data, updating maps, mapping of military installations and assisting the Army Environmental Services in their task by means of GIS.

**Cmdr Kathy le Roux,** Regional Facilities Interface Management Office Polokwane, Private Bag X9304, Polokwane, 0700, South Africa. Tel +27 15 299 3027, fax +27 15 299 3088, [rjftn@mweb.co.za](mailto:rjftn@mweb.co.za)

Participation in the strategic planning process on a regional level by identifying key areas to be included in plans and policies and by compiling regional environmental management plans for military bases and installations.

Provision of primary Environmental Management through ensuring the use of external expertise through the Regional Environmental Advisory Forum and Environmental Working Groups (base and regional) and guidance with execution of audits and environmental optimisation assessments.

Provision of environmental decision support services to fixed asset life cycle processes by managing military/non-military utilisation planning and regional environmental evaluation of environmental performance as well as guidance regarding legal compliance.

**Commander Adri Liebenberg.** First Staff Officer (Assistant Director) Environmental Policy, Department Of Defence, Republic Of South Africa.  
Department of Defence, Chief Joint Support, Logistics Division, Directorate Facilities, Private Bag X319, PRETORIA, Republic of South Africa, 0001, Telephone (+2712) 339-5275, Facsimile (+2712) 339-5159, E-mail [clogfac@global.co.za](mailto:clogfac@global.co.za)

Adri joined the SA Navy in 1989 and currently serves as SO1 Environmental Policy at Logistics Division. She was responsible for the development and promulgation of the Corporate Environmental Policy Statement for Defence in 2001 and co-architect/project officer for developing the *First Edition Environmental Implementation Plan for Defence* published in the *Government Gazette No 22022 of 16 February 2001* in compliance with the National Environmental Management Act No 107 of 1998.

She was involved in developing and implementing a corporate environmental management system for the department by 2004 by conducting a legal environmental review, producing the pioneering document on Legal Environmental Obligations iro an Environmental Management System for Defence. Another ground-breaking document is the guide to Environmental Compliance for Commanding Officers, while four departmental instructions will be promulgated in due course.

**Warrant Officer 1 Hendrik F. Louw.** DOD Ammunition Depot Naboomspruit, Private Bag X91, Naboomspruit, 0560. Tel +27 14 743 9516, fax +27 14 743 9521.

WO1 Louw is 41 years of age and is a member of the SANDF with 23 years of service in the OS Corps. He was born in Namibia and joined the SANDF in 1980. He was trained as an instructor and is currently stationed as DOD Ammunition Depot Naboomspruit. He is appointed as the RSM of the unit as well as the environmental representative.

## M

**Lt Col Paul M. Magoro.** Staff Officer 1 Army Facilities. Department of Defence, SA Army Office, Directorate Army Logistics, Private Bag X981, Pretoria, 0001. Telephone +27 12 355 2036 Fax +27 12 355 2040.

Lt Col Paul Magoro was born 19 September 1950 in Groblersdal, Mphumalanga Province. He started his career in the SANDF in 1974 as a non-commissioned officer and then as an officer accepting responsibility for various logistics tasks. Lt Col Magoro obtained a Certificate in Logistics at the University of Pretoria in 2000 and is currently staffed in the Directorate Army Logistics where he is responsible for the management of facilities in the SA Army.

**Capt Zukile Eric Mali.** Staff Officer Environmental Services, DOD logistic Support Formation, Directorate Facilities Support Management, Private Bag X319, Pretoria, 001. Tel +27 12 339 5337, fax +27 339 5524, e-mail clagfac@global.co.za

Capt Eric Mali is an environmental specialist in the RSA DOD Log Sup Fmn where he is responsible for waste management and pollution control. Eric joined MK in 1989 and was trained in the former Transkei. Prior to joining the SANDF in 2001 he was employed by the Eastern Cape Development Corporation as agricultural extension officer.

Eric Mali obtained a B.Agric degree, majoring in Land Use Planning and Agricultural Economics, at the University of Fort Hare 1999.

Eric is the proud father of 2 kids aged 12 (boy) and 9 months (girl).

**General Major Sergey Malinovsky.** Deputy Chief of Quartering Troops and Capital Construction in the Ukrainian MOD. Ivana Puluy Avenue 1, Apartment 178, Kiev, 04210. Tel( home) (044) 246 0005, Tel (work) (044) 248 1090.

General Malinovsky is the Deputy Chief of Quartering Troops and Capital Construction in the Ukrainian MOD. Prior to this he was employed in various domestic and international capacities. These include construction management of troop and family settlements on military bases, environmental protection and restoration of

military installations as well as international programs such as the Ukraine–USA Co-operative Threat Reduction Program and international cooperation in construction management with the emphasis on environmental management. General Malinovsky holds a Masters in Construction Engineering and attended various international management courses at, amongst others, the US Defence Resources Management Institute and at SHAPE NATO Germany.

**Captain Ignus Marais.** Army Support Base Kimberley, Army Support Formation, SA Army, SA DoD. P.O. Box 3011, Kimberley, 8300, South Africa. Tel +27 53 830 3456, Fax +27 53 830 3478, Email [ignusmarais@ananzi.co.za](mailto:ignusmarais@ananzi.co.za)

Ignus Marais is the Environmental Manager of the Army Support Formation's Army Support Base Kimberley.

He has seven (7) years of service with the SANDF of which four (4) years has been in the Facility and Environmental line.

He is a member of the Ordnance Services Corps of the SA Army and has a Certificate in Environmental Education from the Wildlife and Environment Society of SA. He is currently also busy with the course in Wildlife Management.

**Warrant Officer 1 Siegfried Erwin Marais.** SA School of Armour, Bloemfontein.

I was born in Bloemfontein on 11/09/1960. Matriculated in 1979 at AJC Jooste, Petrusburg.

My military career started on the 21<sup>st</sup> of August 1980 at the School of Armour. Completed JL's in 1981 then transferred to 2 SSB, Zeerust.

I was part of OP ASKARI in Angola 1983. Did training in Zeerust since 1984 and then transferred to the School of Armour where I gave junior leader training.

Was a troop sergeant in 1986 in the Tank Wing and prepared for OP MODULAR at Lohatla. I was part of OP MODULAR in 1987 in Angola. I did tank training from 1987 till 1991.

From 1993 to 1997 I was the TT troop commander. Highlights in my military career include: participation in OP MODULAR; receiving Chief of SA Army commendation in 1992; receiving the Base Environmental Management Trophy at DOD level in 2001/2002.

I am the Environmental Official School of Armour since 2001. I am also the Chairman of the BOTANICAL SOCIETY OF RSA (FS BRANCH).

**S Sgt Mariaan Marx.** SANDF, General Support Base MOD, Private bag x161, Pretoria, 0001. Tel +27 12 355 5508, Fax +27 12 355 5706 e-mail: [jmarx@absamail.co.za](mailto:jmarx@absamail.co.za)

My Military career started Jan 1984 in the SA Navy at Simonstown, with basic training and a signal course. In Jul 1984 I was transferred to SAS Immortelle as cryptographer in the signal office. December 1987 I resigned from the SA Navy.

April 1993, joined the Short Term Service at 1 Construction Regiment (Dunnottar), as the Transport Officer Assistant. March 1997, transferred to Defense Head Quarters, as an Order Administration System Clerk.

During 1998 I did a Certificate course in Purchase Management at Unisa, work in the Procurement Section of General Support Base Ministry of Defense (GSB MOD) until March 2003. April 2003 staffed as Environmental Clerk and is busy with Environmental Awareness and assessments within the GSB MOD and all its FSE's.

**Col Ihor Mazor.** Deputy Chief of NBC Troops in the Ukrainian MOD, Vozduchoflitsky Street 6, Kiev. Tel( home) (044) 418 8026, Tel (work) (044) 244 9822.

Col Mazor is Deputy Chief of NBC Troops in the Ukrainian MOD. He attended the Military of Chemical Defense in Moscow, USSR. His professional experience includes analytical methods in CWA identification, NBC protection of troops and environmental protection and restoration of military installations, radioactive and hazardous materials management. His involvement in international programs include cooperation in the field of environmental protection, disarmament and counter proliferation of weapons of mass destruction.

**Cpl Odirile Cuthbert Mhitshane.** Army Support Base Potchefstroom (10 SAI Bn Mafikeng), Private Bag X2012, Noordbrug, 2522. Tel +27 18 289 3552 Fax +27 72 573 9045.

I started in 1989 in the former SADF as a logistical supply member (OSC). I was appointed as an Environmental Assistant at the Army Support Base Potchefstroom during December 2001 for 10 SAI Bn in Mafikeng. I have no formal environmental qualifications and am, eager to make use of any opportunity to obtain any environmental knowledge that will assist me in my work.

**Sergeant-Major Class 1 V.J. Mufamadi,** South African Army, Base Environmental Manager, Joint Support Base Garrison.

Sergeant-Major Class 1 V.J. Mufamadi, after leaving school, previously worked as a miner in some of the world's deepest mines in Gauteng in 1981-1982. He joined the Venda Defence Force in 1983. He was an infantry instructor by 1985 and did VDF's Officers Formative Course, he was a platoon commander by 1986, and a course leader for NCO training by 1987. In 1988, he became a company sergeant major until 1994. From 1995-1996 he was a company sergeant major at 117 Battalion. From 1996-1998, he was at Wonderboom Army Base, aiding in Integration Instruction. From 1998-2000 he was a supervisor at 1 Military Town Management. From 2000 onwards, he has been the Base Environmental Manager at Joint Support Base Garrison. He attended the Integrated range Management Forum in 2001.

**Col Bornface B. Musoba.** Col GS. Zambia Army, c/o G Branch, PO Box 3191, Lusaka, ZAMBIA.

Col Bornface B. Musoba was born in Chingola on Christmas Day in 1954. He attested in the Zambian Defence Force in 1972 and has received military training in Zambia, India, the former USSR, Pakistan and Iraq. He has served with the Zambian Military Forces' 10 Med regiment and currently holds an appointment with the general Staff of the Zambian Army Headquarters. He is married to Doreen and they have 5 children.

**Sergeant Zamayeza Angel Myeza.** Army Support Base Potchefstroom, Private Bag X2012, Noordbrug, 2512. Tel +27 73223 9352, Fax +27 18 289 3502.

After qualifying with a National Diploma in Nature Conservation 1995 at Mangosuthu Technikon in 1995 I worked at Sea World Durban from 1994 to 1996. I joined the SANDF in 1997 as an infantry woman. I was staffed as a Company Quartermaster at the Protection Company of the Army Support Base Potchefstroom in 1999. When the base heard of my qualification during 2001 I was immediately transferred to Environmental Services as an Environmental Assistant and since then has worked closely with the SO2 Environmental Services, Capt Van Tonder and is currently managing the Mogae go Monate (Indigenous project of the base) that includes the nursery and Eco Circles project of the base along with other normal day to day environmental management issues.

N

**Brigadier General Sipho T. Ndabula.** Department of Defence, Chief Joint Support, Logistics Division, Directorate Facilities, Private Bag X319, PRETORIA, Republic of South Africa, 0001, Telephone +27 12 339-5155, Facsimile +27 12 339-5159, E-mail clogfac@global.co.za

Brig Gen Sipho Ndabula was born in Cape Town in 1949. He completed a Bachelor degree in Applied Science (Agriculture) Melbourne University, Australia.

He joined the PAC (APLA) in 1968. He followed various military courses in military bases in Africa as well as in Eastern European countries. He was involved in the planning and directing of logistic activities in the front line states. Furthermore, in planning, conducting and maintaining self-reliance projects in our camps in order to sustain military forces.

In 1997 he joined the SANDF and was posted as Deputy Commander of the Army Log Formation. In 1999 he completed the Senior Command and Staff Course at the SA Army College upon which he was staffed as Director Facilities in Logistics Division.

He successfully completed the Executive Defence Management Course at the University of Witwatersrand in 1998. In 2001 he completed the Executive National Security Programme at the South African National Defence College. In 2002 he also attended the Senior International Defence Resource Management Course at the Defence Resource Management Institute on Monterey, California, USA.

**Colonel Cyprian Sipho Nhlengethwa.** Chief of Staff Southern African Development Community Military Affairs Office. Umbutfo Swaziland Defence Force, Defence Headquarters, Private Bag Nokwane via Manzini, SWAZILAND. Tel 00268 518-7620/9 Fax 00268 518-7644.

Colonel Cyprian Sipho Nhlengethwa is the Chief of Staff of the Southern African Development Community Military Affairs Office. This appointment is preceded by appointments as Chief of Operations and Training, Chief of Staff at the Ministry of Defence and Officer Commanding of units in the Royal Swaziland Defence Force. During his military career he underwent training in Kenya, Taiwan, Austria, Italy, Zimbabwe, South Africa, Romania and the Netherlands. He is a member of the Chemical Weapons Convention in The Hague, Netherlands and the national contact person for the International Atomic Energy Agency.

**Mr William R. Nicholls.** Deputy Director of Environmental Readiness and Safety in Office of the Deputy Under Secretary of Defense for Installations and Environment. Defense of Department of the United States, 1225 Jefferson Davis Highway, Suite 1500, Arlington. VA 22210.  
Telephone: +1-703-604-1850; Fax: +1-703-607-1244; Email: william.nicholls@osd.mil

Mr. Nicholls has been Deputy Director of Environmental Readiness and Safety in Office of the Deputy Under Secretary of Defense for Installations and Environment for 3 years. Prior to this he was assigned to the Environmental Office of the headquarters of the US Army in Europe from 1987 through 2000 and as the Chief of Environmental Management at Ft. Devens in Massachusetts (USA) from 1977-1987. He has participated in a number of international projects, including several pilot studies on environment sponsored by the NATO Committee on Challenges of Modern Society (CCMS). Additional activities include environmental program manager for US forces in the Balkans (1996-2000), and US DoD representative to NATO on environmental policy development. He is the co-editor of the US Army deployment hand book "You Spill, You Dig" and was a developer of the Army's first computerized hazardous material tracking system



**Mr Brian J. Ondrick.** U.S. Army G3 in the Directorate of Training. 7512 Clifton Rd, Clifton VA 20124.  
Tel 703-6926409 (Work), Tel 703-250-1271 (Home), 703-692-7284 (Fax),  
Email: Brian.Ondrickhqda.army.mil

### **Education**

Juris Doctorate, University of Pittsburgh, 2000  
Masters of Business Administration, McNeese University, 1997.  
Bachelor of Science in Business Management, Wilkes University, 1990.

### **Experience**

Mr. Ondrick currently works for the U.S. Army G3 in the Directorate of Training. He oversees Range

Modernization within the Army Range and Training Land Program.

Mr. Ondrick received his Juris Doctorate from the University of Pittsburgh in 1990 with specialization in International and Environmental Law. He also earned a Masters Degree in Business Administration from McNeese State University, in Lake Charles Louisiana.

Mr. Ondrick was Army Helicopter Pilot for seven years. During his military career, Mr. Ondrick specialized in training and night helicopter operations. Assignments included 18 months in the Republic of South Korea as well as a four-year position at the U.S. Army Joint Readiness Training Center, at Fort Polk Louisiana. Mr. Ondrick was team leader and an instructor on the Sustainable Range Management Mobile Training Team that was deployed to the Republic of South Africa in September 2001.

P

**Col J.H.(Joe) Palmer.** Senior Staff Officer Business Plan Integration. Department of Defence (DOD) Logistic Support Formation, Directorate Product System Support, Private Bag X1023, Lyttelton, Centurion, 1040, SOUTH AFRICA. Tel +27 12 671 0348, Fax +27 12 671 0180/ +27 12 671 0166, e-mail [businessplan@webmail.co.za](mailto:businessplan@webmail.co.za).

His involvement in environmental matters began with his studies in environmental management in 1990. His involvement escalated in 1992, when he and a colleague converted an old military base (250 Air Defence Artillery Group, Hamanskraal) into a training area (Pienaars River Training Area) and the area was granted Reserve status. He was responsible for all environmental matters for 23 units and all SA Air Force deployments countrywide. In 2000 he was appointed as the Regional Facilities Interface Manager, concerned with environmental management for the DOD in the Gauteng and Northwest Provinces. At present he serves as the Senior Staff Officer Business Plan Integration in the Directorate Product System Support at the DOD Logistic Support Formation.

Col Palmer holds a Diploma in Advance Pub Admin, degrees in B Admin (Public Admin), B Admin Hons (Industrial Psychology), B Admin Hons (Pub Admin) and Masters Admin (Industrial Psychology). He is presently working on his Doctorate in Industrial Psychology.

**Mr Christos D. Panagiotakopoulos.** Civil Engineer (Dipl. C.E., M.Eng.). Hellenic Army General Staff, Infrastructure Directorate, "Papagou" Camp, Holargos, 15261, GREECE. Tel ++30-210-6553460 (Office) & ++30-6932-406560 (Mobile), Fax ++30-210-6553636 E-mail address: [panagic@hotmail.com](mailto:panagic@hotmail.com)

Christos D. Panagiotakopoulos received his Bachelor in Civil Engineering in 1997 from Democritus University of Thrace (Greece) and his Master in solid waste management in 1999 from the Department of Civil Engineering of McMaster University (Hamilton, Ontario, Canada). The subject of his Master thesis was the integration of GIS and facility location optimization models for municipal solid waste management planning. His current position is in the Department of Environmental Protection of the Army's General Staff of the Hellenic Ministry of National Defense, and he is working in a solid waste management scheme for the Greek army camps.

**Captain Bruce Paul.** South African Air Force (SAAF) Environmental Manager. AFB Waterkloof, Private Bag X1001, Lyttelton. Tel +27 12 672 3241, Fax +27 12 672 3028. Email [eenooogrooikat@yahoo.co.uk](mailto:eenooogrooikat@yahoo.co.uk)

Captain Bruce Paul, originally from 8 SA Mechanized Infantry (1993), has completed several courses in Environmental Systems, Land Rehabilitation, Chemical Management and Soil Science, a National Diploma and a Bachelors Degree (honors) in Nature Conservation from Pretoria Technikon. He worked as an agricultural surveyor for the Free State Department of Agriculture (1994) and as a conservationist at Madikwe Nature Reserve (North-west Province). He was an assistant Training Area manager at Pienaarsrivier Training Area / Ditholo Nature Reserve from 1996 to 1998. In 1999 he became the manager of this property. In 2000 he accepted the post of Environmental Manager for the South African Air Force facilities in Gauteng Province at Air Force Base Waterkloof.

**Staff Sergeant Pieter Johannes (Pine) Pienaar.** Training Area Manager. SA Army Support Formation, Army Support Base Oudtshoorn, P/Bag X 643, Oudtshoorn, South Africa, 6620. Telephone +27 44 203 4271, Fax +27 44 203 4154.

Staff Sergeant Pienaar was born and raised in Oudtshoorn, Western Cape, where he finished his schooling career in 1980. He started his career in the Defence Force in 1981, and was appointed as a Storeman. He later became the Transit Manager at the Rations Platoon of Infantry School.

With his fondness for nature and interest in conservation, S/Sgt Pienaar was appointed in 2000 as the Training Area Manager for the Oudtshoorn Training Area. Although not formally qualified in this field, he has successfully completed the Environmental Warden Course - Level 1 and Military Integrated Range Management course.

**Lieutenant Colonel J.H.J. (Hannes) Potgieter.** DOD Logistic Support Formation; Directorate Product System Support; Private Bag X 1023; Lyttelton; Centurion; 1040; SOUTH AFRICA. Telephone +27 12 671 1059; Fax +27 671 0180; E-mail potgietjhj@mweb.co.za

Prior to his current appointment as SO1 Quality Assurance in the Directorate Product System Support of the DOD Log Support Formation during 2002 he was the SO1 Specialist Environmental Services in the Directorate Facilities Support Management. He is stationed in Pretoria. Prior to his appointment in the DOD in 1996 Hannes was a principle scientist with the Department of Agriculture as well as Officer Commanding of 71 Field Workshop (Technical Support Unit of the SANDF part time forces).

Hannes holds B.Sc., B.Sc. (Hons), and M.Sc. (Botany) degrees from the University of the Free State.

**Col Kujtim Proseku.** Chief of Installations Department. Albanian MoD, Defense Institute for Research and Design, Rr, "BEQIR LUGA", Pall. 3/1, Shk.2, Ap. 29, TIRANA, Albania. Tel +355 42 41187, Fax 355 69 2478498.

Col Kujtim Proseku is currently the Chief of Installations Department at the Albanian MoD's Defense Institute for Research and Design. Prior to his current appointment he served as a member of the sailing crew in a submarine unit and later as designer in the Albanian MoD's Defense Institute for Research and Design. He has experience in the Navy, design and management.

Kujtim Proseku studied at the Engineering Faculty of the University of Tirana.

His training in environmental management include attendance of a training course in the US (South Carolina), participation in various conferences such as the NATO conference on the environment (Brussels, 1998 & 2000), environmental conference of P1P countries (Brussels, 2002) and the conference on military environmental management in Vuskov (Czech Republic).

Col Proseku was born on 18 December, 1945.

**Colonel Susan M. Puska.** Army Attache, U.S. Defense Attache Office, Beijing, China, U.S. Army. Escort officer and Chinese linguist.

R

**Colonel (Retired) Theodore W. Reid.** Commander, FORSCOM, ATTN: AFOP-TE (Mr. Reid), 1777 Hardee Ave SW, Ft. McPherson, GA 30330-1062, USA. Tel (404) 464-7814, Fax (404) 464-6567, Email: reidt@forscom.army.mil

Integrated Training Area Management (ITAM) program manager for Forces Command (FORSCOM), United States Army, Fort McPherson, Georgia. ITAM is the U. S. Army's program for the sustainment and stewardship of training lands. The FORSCOM ITAM program is responsible for managing the training lands on 11 major installations totaling 958,704 ha. Responsibilities also include staffing environmental issues that impact on the ability of FORSCOM tactical units to train. This includes encroachment from outside sources such as urban sprawl and environmental laws and regulations. Mr. Reid is a graduate of Indiana University of Pennsylvania and the U. S. Army War College.

**1<sup>st</sup> Lieutenant Andres Rekker.** Deputy Chief of the Engineer and NBC-Defense Service, Army Staff. Joint Headquarter of the Estonian Defense Forces, 58 Juhkentali Street, Tallinn 15007, Estonia. Phone: +372 695 1582, Fax: +372 695 1508, e-mail: [andresr@mil.ee](mailto:andresr@mil.ee), e-mail: [rekker@ee.pims.org](mailto:rekker@ee.pims.org).

Lt Rekker is the NBC-Defense and Environmental chief senior officer. He attended the Tartu University's Physics and Chemistry Department where he studied Environmental Chemistry (including 1/2 year in Berlin Technical University). He also attended military courses in Estonia, Denmark, Germany, NATO School SHAPE.

He has an 8 year old daughter (Adelheid). His hobbies include history, philately and mountain-walking.

**Col Kjell Åke Rosenqvist.** Head, Joint Environmental Department – Training and Development, Swedish Armed Forces HQ. Swedish Armed Forces HQ, SE-107 85 Stockholm. Tel: +46 8 56281696, Fax +46 8 56281695, e-mail: [kjell.rosenqvist@hkv.mil.se](mailto:kjell.rosenqvist@hkv.mil.se).

Col Kjell Rosenqvist is the Head of the Joint Environmental Department – Training and Development at the Swedish Armed Forces HQ. He attended the War Academy from 1971 to 1973 and subsequently attended various military courses, including the Advanced Staff Course at the Swedish Staff and War College from 1980 to 1982. Career experience includes service as deputy company commander (1977 to 1978) as well as various appointments as specialist staff officer (1983 – 2003). He is married to Susanne and they have two daughters.

## S

**Lieutenant Colonel Jacob Semono.** Army Support Base Pietersburg, Private Bag X9304, Pietersburg, 0700. Telephone +27 15 299 1302, Fax +27 15 299 1305.

Lt Col Jacob Semono was born on 7 January 1958 in Soweto, Johannesburg. He went into exile in 1975 to join the Azanian Peoples Liberation Army where he underwent training in countries such as Tanzania, Libya and Yugoslavia. During my period in exile I also obtained a Diploma in Business Administration. He integrated into the South African National Defence Force in 1996 and served in different capacities in the commodities field in the Far North Command. Upon the closure of the Command he was posted as the SO2 Information Systems Management at the RFIM Pietersburg. He is currently staffed as SO1 Facilities Management at Army Support Base Pietersburg.

**Prof Robert B. Shaw.** Center for Environmental Management of Military Lands, Colorado State University, Fort Collins, CO, USA 80523. 1-970-41-1072 (voice)/1-970-491-2713 (fax), e-mail [rshaw@cemml.colostate.edu](mailto:rshaw@cemml.colostate.edu).

Dr. Robert B. Shaw is Professor of Forestry and the founder and Director of the Center for Environmental Management of Military Lands (CEMML) at Colorado State University (CSU). Dr. Shaw received his graduate degrees from Texas A&M University in the field of range science and grassland ecology, and was Professor at the University of Florida. His major contributions have been: (1) application of ecological principles (such as range condition, ecological health, carrying capacity) to the sustainment of military training and testing lands, (2) endangered species assessment and management on military lands, and (3) integration of ecoregional geography with military training.

**Mr H.A.P.(Hennie) Smit.** Military Academy, Private Bag X2, Saldanha, 7395. Tel. 022-7023110, Fax. 022-7023060, e-mail. hennies@ma2.sun.ac.za

Mr H.A.P.(Hennie) Smit graduated in 1982 from the University of Stellenbosch. He attained an Honours degree in Geography from the same university in 1983 as well as the Higher Education Diploma in 1995. In 1999 he completed a Masters degree in Geography and Environmental studies at the University of Stellenbosch.

Mr Smit served as temporary lecturer in Geography at the University of Stellenbosch from April to December 1984. From 1988 to 1999 he taught geography and history to Senior Secondary School learners and since April 1999 he is a lecturer in Military Geography (Environmental Studies and Climatology) at the Military Academy.

**Lieutenant Colonel J.W. (Kat) Snyman.** Army Support Base Lohatla. Private Bag X3002, Postmasburg, 8420. Telephone +27 53 321 2043, Fax +27 53 321 2043.

He was born, raised and matriculated in Bloemfontein at Grey College. The son of a military practitioner. After school he was called up for National Service and joined the Permanent Force. He participated in various operations in Namibia and Angola. He was also involved in Ops Boleas and Maluti in the Kingdom of Lesotho.

He started his military career as an armour car Troop Commander in 1 Special Forces Battalion and left this unit as a Squadron Commander. He was transferred to the then Army Battle School. At Army Battle School he was utilized as the Armour Branch 2IC and later as the Branch Commander. He was also utilized as the All Arms Course instructor and Course Leader. Later he became the NCO Branch Commander at the Formal Training Wing.

With restructuring he accepted his current post as SO1 Facilities at Army Support Base Lohatla, and is currently studying Environmental Management.

**Captain Craig S. Sponneck.** Army Support Base Port Elizabeth. PO Box 115, Port Elizabeth, 6000. Tel +27 41 505 1333, Fax +27 41 505 1048

Craig was born on 15 September 1970 and completed matric in 1988. He completed compulsory service as a Log Ops Officer, travelled abroad and studied. He then joined the SANDF in 1996 doing camps. In 1997 he was accepted in the Short Service, working as a vehicle fleet commander in TPT. In 1998 he worked as a logistic depot manager and in 1999 returned to TPT. Jan 2003 he accepted the SO3 Facilities post and have been working there ever since. He have excelled in sport and have obtained colours in both surfing and rugby.

**Col. Florea N. Surdu.** Inspectorate of M.o.D, Environmental and Labor Protection Chief Inspector. Tel/fax: 0040 21 314 97 02, email:floreasurdu@yahoo.com.

Colonel Florea Surdu graduated from the Romanian Army Military College (N.B.C. Defense) in 1979, served as Platoon & Company Commander in 202nd N.B.C. Battalion, N.B.C. Research Center and Executive Officer in 1st Army H.Q. till 1986.

In 1988 he graduated Advanced Studies Military Academy in Bucharest as a Bachelor of Science Degree in N.B.C. Defense. From 1988 to 1994 he was posted in different position like N.B.C. Protection Chief in 2nd Mechanized Regiment, Executive Officer, N.B.C. Protection Office Chief, Planning & Operation Section (Chief of J3) in Guard & Security Romanian Service, Executive Officer in J 3 in N.B.C. Protection General Inspectorate and Land Forces Staff.

Starting 1995 he was involved in the environmental issues and he accomplished different functions as Environmental and Labor Protection Chief Inspector (in present). Following War College, spent years as Head of Planning & Synthesis Section, were he was responsible for evaluation, control and audit military activities in all military system (including environmental matters).

Colonel Surdu is married and he has two children.

**Warrant Officer 1 D.C. (Blackie) Swart.** SA Navy SAS Saldanha, Private Bag X4, Saldanha, 7395. Telephone +27 073 163 2180, Fax +27 22 702 3503.

Warrant Officer Class 1 Dirk Cornelius Swart joined the South African Navy in 1963 – 1982. Since 1982 to 199 he held the position of Branch Manager with SANLAM. Currently he is the Environmental Officer of SAS Saldanha in addition he is the Environmental Instructor for the Unit. He has represented his Unit in several events related to environmental issues. He speaks English and Afrikaans fluent and writes it without difficulty. Mr Swart was born in the town of Bredasdorp, Republic of South Africa on January 18, 1947. He is married and has two daughters and one son.

## T

**Mr Tallies(Theo) Taljaard.** Manager Operational Planning & Control. Mechem Consultants. Tel: +27 12 620 3389/3403, Fax: +27 12 664 3528, Cell: +27 83 289 9228, Web Address: www.mechemdemining.com.

Mr Tallies (Theo) Taljaard was born in 1952 in the far northern part of the Limpopo Province. He joined the National Defence Force in 1971 as a Sapper in the SAEC (South African Engineer Corps). As a military engineer he held the positions of Squadron Commander, Unit 2IC and Operational Unit Commander. As a member of the SA Army Staff Corps he was appointed as Instructor at the SA Army College (Senior Staff Training) followed by an appointment as Senior Staff Officer Intelligence at the Eastern Transvaal Command (Mapumalanga Province). Posted to South African Defence College as Army representative and became the Chief Instructor at the same establishment for the last three years of his military career. He left the SANDF after 30 years of service with the rank of colonel and joined up with MECHEM in 2001 as Manager Operational Planning and Control.

## V

**Lt Col Michele Valente.** NATO School (SHAPE), WMD Department Director, Am Reinenbichl 54, D-82487, Oberammergau – Germany. Telephone: 0049-8822-7363, Fax: 0049-8822-91712300, e-mail: mval65@yahoo.it

LTC Michele VALENTE was born in Vimercate, a small suburb of Milan, on 28<sup>th</sup> July 1965. He applied for the Italian Army Military Academy in MODENA on July 1984 in scientific branch with computer science specialization. He served Italian Army as Nuclear Officer, Artillery Missile Officer, CIMIC Officer, Environmental and NBC Officer.

He was employed as CIMIC Staff Officer in NATO mission in Bosnia I Herzegovina, and as Military Observer / Staff Officer in UN UNTSO Mission in Israel - Egypt.

He is serving NATO at NATO School in Oberammergau – Germany, as WMD Department Director Officer and Environmental Officer from August 2000.

He has Computer Science and International Affair Strategic Science degrees.

**Lieutenant Colonel Etienne F. Van Blerk,** First Staff Officer (Assistant Director) Environmental Co-Ordination, Department Of Defence, Republic Of South Africa

Department of Defence, Chief Joint Support, Logistics Division, Directorate Facilities, Private Bag X319, PRETORIA, Republic of South Africa, 0001, Telephone (+2712) 339-5167, Mobile (+2783) 299-7267, Facsimile (+2712) 339-5159, E-mail clogfac@global.co.za

Lieutenant Colonel Etienne F. van Blerk is the assistant-director Environmental Co-ordination for the Department of Defence (DOD) in Pretoria, Republic of South Africa (RSA). As a scholar of conservation, he represents over 20 years of combined experience in domains of conservation and environmental management, 11 years of which have been as military environmental management practitioner within the RSA DOD. He is responsible for the development and strategic co-ordination of military integrated environmental management initiatives within the RSA DOD and its constituencies, with foreign military organisations as well as amongst the various government,

business and civil society agencies in the RSA.

**Colonel Jacobus van der Lingen.** Senior Staff Officer, Regional Facilities Interface Management Office. RFIM Durban, Private Bag x12, Bluff, 4036. Telephone +27 13 369 1400, Facsimile +27 31 369 1550.

Col van der Lingen joined the South African Defence Force in 1970 and graduated from the Military Academy in 1972 with a B MIL (B Com) degree. After various postings and promotions in the Logistic environment, he completed a B Com Honours Degree at Unisa in 1987 and attended the South African Army Command and Staff Course in 1988.

Promoted to the present rank in 1989 and appointed as the Senior Staff Officer Logistics at the then Natal Command and later to the Chief of Staff of the command over the period of 1998 to 2000. He completed the Joint Staff Course in 1997 and was fortunate to attend the IMET course at the US Naval Post Graduate School in Monterey California US during 1998.

He was appointed in 2000 as the Senior Staff Officer in charge of the Regional Facility Interface Management office for KwaZULU Natal and Eastern Cape region.

**Flight Sergeant Werner P. Van der Walt.** South African Air Force, Air Force Base Langebaanweg

FSgt Werner van der Walt is the acting Environmental Manager at AFB Langebaanweg and is responsible for Base and Training Area management in his unit. He was born on the 18<sup>th</sup> of October 1969.

He was utilised as a logistician throughout his military career until he was exposed to Environmental management at Pienaars River Training Centre (Ditholo). This awakened his interest in nature to such an extent that he decided to study in the field of Nature Conservation. He is currently still busy studying and hopes to finish by 2005.

**Col Phillipus Jacobus van Dyk (Phillip).** Army Support Base Potchefstroom, Private Bag X2012, Noordbrug, 2522. Tel +27 18 289 3559 Fax.+27 83 627 4439.

I started in 1983 in the former SADF as a gunner. Progress in the Artillery was made during the years as artillery officer with being the officer commanding of 4 Artillery Regiment in 1997 and the Second in Command of the School of Artillery from 1997 to mid 1999. During 1999 I was appointed as the project officer for the establishment of the Army Support Base Potchefstroom and subsequently became the Officer Commanding to present. My qualifications include BA Mil at Stellenbosch university in 1986; TQM (Cum Laude) in 2000 at UNISA; National Diploma Horticulture 2002 at Technicon SA and SA Excellence Model in 2003.

**Captain Maarten van Jaarsveld.** Air Force Base Louis Trichardt. Post Office Box 106, Braambos, 0954. Telephone +27 15 289 9192, +27 15 289 9617, Cellphone 082 417 3917, Facsimile +27 15 289 9192, +27 15 577 2659.

Employed as Environmental Officer at Air Force Base Louis Trichardt (AFB LT). The AFB also delivers a service as a General Support Base (GSB) to its clients namely 523 Squadron and Roodewal Bombing Range. I am responsible for the co-ordination of the environmental function from the GSB level to the clients and to the regional office. I am temporarily residing at Roodewal until a suitable representative can be appointed.

**Major Hugo van Niekerk.** Department of Defence, Logistic Support Formation, RFIM Bloemfontein, Private Bag X20599, 9300. Telephone: 051 4021218, Facsimile:051 4021066, Cellular phone: 0824110316

Major van Niekerk currently holds the post of SO2 Environmental Services at the RFIM Bloemfontein office. He has served as an infantryman and as a survival instructor in the SANDF. He also worked as a professional hunter, as part of a game catching team and game farm manager as a civilian.

**Captain P. van Schalkwyk.** SA Army Support Base Johannesburg, Private Bag X19, Lenasia. Telephone +27

11 212 5705, Fax +27 11 212 5719.

Capt van Schalkwyk joined the South African National Defence Force in 1992. In 1999 he was transferred to SA Army Support Base Johannesburg as the SO3 Occupational Health and Safety. He completed a course in Occupational Health and Safety through HASLEC in 2001 where after he obtained a certificate in Total Quality Management through the University of South Africa.

He is currently responsible for all Occupational Health and Safety aspects on the Lenz Military Base. Capt van Schalkwyk is further more also acting as the Environmental Officer of the Lenz Military Base as no full time officer is staffed on the base. His main job function is the implementation of systems as to comply with the Occupational Health and Safety Act, Act 85/1999) and ISO 9000.

**Captain Deon van Tonder.** . Army Support Base Potchefstroom, Private Bag X2012, Noordbrug, 2512. Tel +27 83 6274439 Fax +27 18 289 3623 email amber-nw@mweb.co.za.

I started in 1991 in the former SADF as a gunner. Progress in the Artillery were made during the years as artillery officer and ended when I took up a career in the environmental management field during December 1999 at the Army Support Base (ASB) Potchefstroom. With no former environmental qualifications I took up the challenge to establish environmental services in the Army Support Base Potchefstroom. The last environmental manager was in 1996. I received my BBA (Bachelors in Business Administration) degree at the Potchefstroom University for Christian Higher Education during May 2003. I plan to commence with master studies in environmental sciences and management during 2004. During the 3½ years as environmental manager for the ASB a new structure was successfully established and a section was developed in the new structure with a capable team with various successes focussing on integrated waste management, establishing a recycling and processing plant, environmental training and education based on sustainable living and is a member on the Working for Water (Operation VUSELELA) steering committee. I also represent the base on the local council's ward committee as an environmental representative.

**Sgt Renier van Wyk.** Testflight and Development Centre, Private Bag x14, Bredasdorp, 7280. Telephone +27 28 4254002, FAX +27 28 4254120. E-MAIL: TFDC@DOREA.CO.ZA

Sgt R. van Wyk started his career in the South-African Air Force on the 1<sup>st</sup> of June 1996 in the post of Environmental clerk, at the Test Flight and Development Centre in Bredasdorp.

On the 1<sup>st</sup> of August 1999 he took over the post of Environmental Manager at the base. On the 28<sup>th</sup> of October 2002 the Test Flight and Development Centre was ISO 14001 accredited. Sgt van Wyk has since been managing the ISO 14001 system at the base.

**Commander Jurie van Zyl.** Staff Officer 1 Military Training. Department of Defence, Navy Office, Private Bag X104, Pretoria, 0001. Tel +27 12 339 4184 Facsimile +27 12 339 4178.

Commander van Zyl joined the SANDF in 1990 as a chaplain and served in operational and training units until 2002. He has a masters degree in clinical counselling and has been involved in leadership and management programs in die SANDF since 1993. In Jan 03 he was appointed staff officer military training in the Education Training and Development Section at Navy Office. His responsibilities include ensuring policy exists that compels Naval members to responsibly manage the environment in which they operate. Commander van Zyl is currently busy with his Ph D at University of Stellenbosh, his field of study is values systems in transforming organisations.

**Colonel Hennie Venter.** Director Environmental Health, Office of the Surgeon General, Private Bag X 102, Centurion, 0046, Republic of South Africa. Telephone: +2712-6715201, Facsimile: +2712-6715160

Colonel Hendrik Stephanus Venter, National Diploma for Health Inspectors, National Diploma For Tropical Health, National Diploma for Health Education, B Tech Environmental Health and B Administration

Colonel Venter has over 34 years of experience in environmental health, 15 years of which as the Director Environmental Health. He is responsible for an appropriate, comprehensive, cost effective, professional military

environmental health service within the Department Of Defence.

**Sergeant Mariska Vogel.** Environmental Services Representative, AFB Waterkloof and Fse's. South African Air Force (SAAF) Environmental Manager. AFB Waterkloof, Private Bag X1001, Lyttleton. Tel +27 12 672 3241, Fax +27 12 672 3028

Sergeant Mariska Vogel was born on the 10<sup>th</sup> September 1977 in Upington South Africa. She matriculated at Ermelo High School in 1995. She joined the South African Air Force in February 1996, and was first stationed at AFB Hoedspruit and then on to AFB Langebaanweg till 1999. She was involved in the outlay of a hiking route through the highly sensitive fynbos vegetation on the base. She was then transferred to Pienaarsrivier Training Area / Ditholo Nature Reserve in 1999 where she was involved in ecological resource management. In 2000, she was transferred to AFB Waterkloof with the formulation of the General Support Base. She has been involved in Base Environmental Management. Mariska is completing a National Diploma in Nature Conservation and has completed a few courses in environmental management at Potchefstroom University, as well as courses in Landscape Design.

**Sergeant C.E. (Tian) Von Wielligh.** Air Force Base Hoedspruit, Environmental Services, Private Bag X504, Hoedspruit, 1380. Telephone +27 15 799 2644, Facsimile +27 15 799 2430.

Sgt Tian Von Wielligh was born on the 9<sup>th</sup> of September 1971 in Newcastle in the northwest of Kwa-Zulu Natal and joined the SADF in April 1990 as an aircraft technician. In 1998 he enrolled for a National Diploma in Nature Conservation. He served on the Hoedspruit Environmental Committee from 1999 to 2000, representing 7 ASU. In 2001 he was re-mustered to Environmental Services and was stationed at SAS Saldanha for a period of six months. In 2002 he was awarded the national Conservamus Trophy and is currently staffed in the Environmental Assistant post at Air Force Base Hoedspruit.

## W

**Prof Judi Wakhungu.** Executive Director. African Centre for Technology Studies (ACTS), United Nations Avenue, Gigiri. P O Box 45917, Nairobi, Kenya.  
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Prof Judi Wakhungu is the Executive Director African Centre for Technology Studies (ACTS) as well as Adjunct Professor Penn State University. Her academic qualification include a Ph.D. in Energy Resource Management from Penn State, a MSc. In Petroleum Geology from Acadia University, Nova Scotia, Canada and a BSc in Geology from St. Lawrence University, New York. Her research interests include Energy Policy & Development; Science, Technology, Public Policy & Development; Gender Issues in Science & Technology Policy.

She held various positions at Penn State University since 1994. She was also the Executive Director for the African Technology Policy Studies Network (The International Development Research Center & The Carnegie Corporation of New York). Between 1994 and 1996 she was the Designated Expert (Energy) of the United Nations Commission on Science & Technology for Development (Gender Working Group). She also served as Research Director for the Global Energy Policy & Planning Program/Gender Science & Development--International Federation of Institutes for Advanced Study (IFIAS) & Third World Organization of Women Scientists (TWOWS). Prior to her illustrious career as researcher and educator she served as geologist with the Kenyan Ministry of Energy & Regional Development and the National Oil Corporation of Kenya.

**Mr Carl Wainman.** Institute for Maritime Technology, P.O Box 181, Simonstown, 7995.  
Tel (021) 7861092, Fax (021) 7862189 email

Mr Wainman initially spent 10 years in a technical capacity at Sea Fisheries undertaking the early current meter recordings in South Africa this included mooring design, deployment retrieval and technical maintenance and calibrations. Later he worked with research team concerned with acoustics methodology for fisheries management including surveying software development and data management. He also spent 5 years as a data manager and commercial software database developer developing various customized technical database products. During 1999 he was awarded the Derek Krige medal at the South African Marine Sciences Symposium for his outstanding contribution to marine science for more than 20 years. He has worked at IMT for the past 10

years and currently heads the Naval Operational Oceanographic group.

**Warrant Officer Class 2 Benito Walters.** Naval Base Simon's Town, Private Bag X1, Simon's Town 7995. Tel +27 21 787 4215, Fax 21 787 4214.

Warrant Officer Walters joined the South African Navy in 1982 where he qualified himself in the gunnery field and joined the Strike Craft Flotilla in Durban. He served in Durban until 1985 when he was given the opportunity to be part of the opening of the second Strike Craft Squadron in Simon's Town.

In 1991 he drafted ashore for the first time and joined the Naval Weapons Analysis Section (NWAS). In 1996 he was forced to find himself another post due to no further promotional prospects at NWAS. Due to his keen interest in the environment, he assumed duty at Environmental Services Section as second in charge.

His experience in this field derives from physical involvement and short informal courses. He also completed a formal course in Turfgrass Management at Cape Technicon. He supervised large teams of contract workers clearing many hectares of alien vegetation in the Klawer Valley in Simon's Town.

## Y

**Lieutenant Colonel Chunjiang Yang.** Deputy Chief, Housing, Environmental Protection and Afforestation Section, Infrastructure and Housing Department, Joint Logistics Department, Beijing Military Region, PLA (People's Republic of China).

## Z

**Senior Colonel Renkui Zhang.** Director, Environmental Protection, Afforestation, Science and Training Bureau, Infrastructure and Housing Department, General Logistics Department, PLA. Head of Delegation (People's Republic of China).

**Lt Col Maurice M. Zulu.** Directing Staff, Senior Command and Staff College of the Zambian Army. Zambia Army, c/o G Branch, PO Box 3191, Lusaka, ZAMBIA.

Lt Col Maurice Zulu is a member of the Directing Staff at the Zambian Senior Command and Staff College. Born in Chipita in 1959, he attested in the Zambian Military in 1983 and received training as an Artillery Officer. He underwent military training in Zambia, Iraq and Zimbabwe. Lt Col Zulu held various military appointments in Zambia's 10 Med Regiment, Artillery Training wing, Artillery School, 3<sup>rd</sup> Infantry Brigade and has served as military observer in Rwanda. He is married and has one child.