

# *CURRICULUM VITAE*

## **KEVAN ZUNCKEL**

### **1. PERSONAL DETAIL**

Full Names: Kevan Zunckel  
Home Address: 'Grace Cottage', 7 Annthia Road, Hilton, 3245, South Africa  
Tel: H: +27 (0) 33 343 1739 W: +27 (0) 33 343 1739  
Fax: H: +27 86 517 5582 W: +27 86 517 5582  
E-mail: kevanzunckel@gmail.com  
Cell: +27 82 929 4270

Age: 56  
Date of birth: 29<sup>th</sup> June 1961  
ID number: 6106295044084  
Nationality: South African  
Marital Status: Married on the 19<sup>th</sup> April 2003  
Children: Tamaryn (2 February 1987)  
Jessica Grace (13 April 2005)  
Hannah Kathleen (4 February 2008)  
Health: Excellent

### **2. EDUCATION**

#### **2.1 MATRICULATION**

Attained in 1987 at Kingsway High School – Amanzimtoti, KwaZulu Natal, South Africa.

Other achievements during the matric year were as follows:

- first team rugby
- first team squash
- first team basketball (nominated for Durban and District trials)
- chairman of the schools "Out-door Club" which entailed the organising and leading of regular hiking trips to the Kwa Zulu-Natal Drakensberg

#### **2.2 UNDER GRADUATE (1981 -1984)**

Four year B.Sc. Forestry / Nature Conservation at the University of Stellenbosch.

#### **2.3 POST GRADUATES (1988 - APRIL 1990)**

M.Sc. Environmental Science at the University of Cape Town. The year of 1988 entailed full-time study in the form of course work and group projects. A scientific report / thesis was then compiled during the period from January 1989 to April 1990. The thesis was entitled "The Ecology and Management of the Kaapsehoop Cycad (*Encephalartos laevifolius*)".

### 3. RESUME OF WORKING EXPERIENCE

MAY 2010 TO CURRENT

Partner with Zunckel Ecological & Environmental Services providing independent consulting services in the fields of specialist biodiversity assessments and management, protected area planning and management, sustainability assessments and management, resource ecology, pro-active and re-active environmental assessments and management planning. Some examples of relevant projects undertaken are tabled below.

EMPLOYER	CONTACT PERSON & CONTACT DETAILS	PROJECT DESCRIPTION	DURATION AND DATE COMPLETED
Londolozi Game Reserve	Chris Goodman Tel.: 013 735 5653 Cell: 084 692 2294 Email: chrisgoodman@londolozi.co.za	Provide environmental management and environmental compliance monitoring services for specific projects as and when needed.	Oct 2017 – on-going
More Concession (Pty) Ltd.	Robert More – CEO Tel.: 011 880 9992 Email: robert@more.co.za	Provide environmental management and environmental compliance monitoring services for specific projects as and when needed in the Marataba (Marakele National Park), Lion Sands (Sabi Sands Game Reserve), and the Jakkalsbessie Concession in the Kruger National Park; as well as six-monthly concession audits of the Jakkalsbessie Concession in the Kruger National Park.	Oct 2017 – on-going
Singita Lebombo	Grant Oliver – GM Tel.: 013 735 5500 Cell: 082 656 6722 Email: grant.o@singita.com	Provide environmental management and environmental compliance monitoring services for specific projects as and when needed and six-monthly concession audits of the N'wanetsi Concession in the Kruger National Park.	Oct 2017 – on-going
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)	Vincent Frémondrière Tel.: + 251 (0) 967 898 614 Cell: +33 6 13121510 Email: vincent.fremondriere@giz.de	Facilitate the process for and mentor key staff of the Ethiopian Wildlife Conservation Authority in the compilation of General Management Plans for three of their national parks, i.e. Awash, Borenasaint and Hallaydeghe.	Feb 2018 – on-going
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)	Vincent Frémondrière Tel.: + 251 (0) 967 898 614 Cell: +33 6 13121510 Email: vincent.fremondriere@giz.de	Compile and present a course on an integrated approach to the planning and management of protected areas to relevant staff of the Ethiopian Wildlife Conservation Authority in Addis Ababa, Ethiopia.	Nov 2017
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)	Vincent Frémondrière Tel.: + 251 (0) 967 898 614 Cell: +33 6 13121510 Email: vincent.fremondriere@giz.de	Provide protected area management expertise to the process of assessing the organisational structure and strengthening potential for the Ethiopian Wildlife Conservation Authority, working in collaboration with a senior human resource management specialist.	Aug – Sept 2017
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)	Martin Leineweber Tel.: +267 –723 004 13 Email: martin.leineweber@giz.de	Provide a summarised version of the SADC TFCA Guidelines inclusive of a flow diagram reflecting the guideline recommendations.	July – Sept 2017
UNDP Small Grants	Anele Moyo	Facilitate a process of intense stakeholder	June – Sept

EMPLOYER	CONTACT PERSON & CONTACT DETAILS	PROJECT DESCRIPTION	DURATION AND DATE COMPLETED
Programme	Tel.: 012 354 8166 Cell: 079 879 7314 Email: anele.moyo@undp.org	consultation and compile a COMPACT Site Strategy for the Maloti Drakensberg Park World Heritage Site on the foundation of a scoping exercise, a baseline assessment, and conceptual model and institutional modalities.	2017
UNDP and South African Department of Environmental Affairs	Mandy Cadman Tel.: 041 379 4221 Cell: 084 464 2559 Email: mandycadman@telkomsa.net	Facilitate a process of engagement with national and provincial conservation agencies to secure their inputs into the development of a National Biodiversity Framework for South Africa on the basis of the National Biodiversity Strategy and Action Plan.	Feb – June 2017
Environmental Rural Solutions	Nicky McLeod Tel.: 039 737 4849 Cell: 082 782 6067 Email: nicky@enviros.co.za	Facilitate a stakeholder engagement process aimed at the building of capacity to undertake an ecosystem services review and comparative analysis of scenarios related to options for the management of the Umzimvubu River catchment.	Feb – June 2017
Graham Muller and Associates	Graham Muller Tel: +27 31 206 1249 Cell: +27 83 457 1150 Email: grahammuller.co.za@gmail.com	Undertake and coordinate the environmental screening as part of a feasibility study for a proposed cableway development adjacent to the uKhahlamba Drakensberg Park World Heritage Site in the KwaZulu Natal Drakensberg.	Sept 2016 – Jan 2017.
IUCN Eastern and Southern African Regional Office	Leo Niskanen Tel.: +254 (20) 249 3561 /65 Cell: +254 (738) 420 766 Email: Leo.Niskanen@iucn.org	Investigate and compile a development plan for the establishment of a transboundary hiking trail in the Afar Region of Ethiopia and Djibouti.	May – Aug 2016
Eko Horizont	Ms Maja Vasilijević Tel: +385 (91) 3010 194 Email: maja.vasilijevic1@gmail.com	Working in collaboration with fellow transboundary conservation specialists, develop training material based on the latest IUCN WCPA Best Practice Guideline on Transboundary Conservation (Vasilijević et al, 2015) and present this at the international workshop on Transboundary Conservation “Hands Across Borders” in the Glacier National Park in September 2016.	July 2015 – Sept 2016
IUCN ESARO	Mr Leo Niskanen Tel: +254 (738) 420 7660750 Email: Leo.Niskanen@iucn.org	Compile a Joint Management Plan for the Lower Awash – Lake Abbé Transboundary Conservation Landscape in collaboration with key stakeholders in Ethiopia and Djibouti.	May – Aug 2016
University of South Africa (Varsity College – Pietermaritzburg)	Ms Kirsten Forbes Tel: +2733-386 2376 Email: kforbes@varsitycollege.co.za	Prepare and deliver lectures on Environmental Education to 2 <sup>nd</sup> year UNISA BA students.	Feb – April 2016
IUCN South Africa	Ms Christine Mentzel Tel: +27 74 452 0750 Email: Christine.Mentzel@iucn.org	Review the current situation with regards to the monitoring and evaluation of SADC TFCAs and design a project and road map for the development of a M&E framework.	Feb – March 2016
University of KwaZulu Natal: Centre for Water Resources Research	Prof Graham Jewitt Tel: +2733-2605678 Cell: +2784 717 0766	Contributions to the Green Fund project: Investing in Ecological Infrastructure to Enhance Water Security in the uMngeni River Catchment.	July 2014 – November 2015

EMPLOYER	CONTACT PERSON & CONTACT DETAILS	PROJECT DESCRIPTION	DURATION AND DATE COMPLETED
	Email: jewittg@ukzn.ac.za	Jewitt, G., Zunckel, K., Dini, J., Hughes, C., de Winnaar, G., Mander, M., Hay, D., Pringle, C., McCosh, J., and Bredin, I. (eds.), 2015, 'Investing in ecological infrastructure to enhance water security in the uMngeni River catchment, Green Economy Research Report No. 1, Green Fund, Development Bank of Southern Africa, Midrand.	
Isikhungusethu Environmental Services (Pty) Ltd.	Mr Roger Davis Tel: +2782 775 8834 Email: roger@isik.co.za	Undertake a comparative analysis of community livelihood strategies using an ecosystem services review approach as a means to equip stakeholders to assess the potential impact of the proposed Fuleni Coal Mine and to engage more pro-actively with the impact assessment process.	Sept – November 2015
IUCN World Commission for Protected Areas: Transboundary Conservation Specialist Group	Ms Maja Vasilijevic maja.vasilijevic1@gmail.com +385 (91) 950 9970	Revise and update the IUCN Best Practice Guideline on Transboundary Conservation. Vasilijević, M., Zunckel, K., McKinney, M., Erg, B., Schoon, M., Rosen Michel, T. (2015). Transboundary Conservation: A systematic and integrated approach. Best Practice Protected Area Guidelines Series No. 23, Gland, Switzerland: IUCN. xii + 107 pp.	Aug 2012 – May 2015
SADC Directorate for Food, Agriculture and Natural Resources (FANR)	Dr Bartolomeu Soto bsoto@tvcabo.co.mz	Compile guidelines for the establishment and development of SADC TFCA in collaboration with the SADC TFCA Network.	Dec 2013 – Sept 2014
Institute of Natural Resources (INR)	Fonda Lewis Tel: +2733 346 0796 Cell: +2782 803 8989 Email: flewis@inr.org.za	Support the selection and design of economic instruments to incentivise improved natural resources management in target areas in the uMzimvubu and uMngeni River catchments.	Feb 2014 – May 2014
Wildlands Conservation Trust	Kevin McCann Tel: +2733 343 6380 Cell: +2783 447 0657 Email: KevinM@wildlands.co.za	The Building of Institutional Capacity for the AmaNgwane and AmaZizi Communities for the Declaration and Management of new Protected Areas	Sept 2014 – July 2015
Institute of Natural Resources (INR)	Fonda Lewis Tel: +2733 346 0796 Cell: +2782 803 8989 Email: flewis@inr.org.za	Support the INR project team in the identification and assessment of economic instruments that could create meaningful incentives for improved natural resource management in the South African case study, i.e. the upper uThukela valley.	July 2013 – May 2014
Ezemvelo KZN Wildlife	Mr Lehlohonolo Joe Phadima Email: phadimal@kznwildlife.com Cell: +2782 727 8761	EKZNW Climate Change Response Strategy on the four biomes in KZN.	Feb-13 - Apr-13
Emross Consulting (Pty) Ltd.	Mr Andrew Rossaak Email: andrew@emross.co.za Cell: +2782 3399 627	Design of the UNDP project: Improving Management Effectiveness of the South African Protected Area Network	Oct – Dec 2013
South African National Biodiversity Institute (SANBI)	Ms Kristal Maze Tel: +2712 843 5260 Cell: +2782 890 0188 Email: k.maze@sanbi.org.za	Coordination of Market Supply Chain for Payment for Ecosystem Services in the Upper uThukela, Umzimvubu and uMngeni Catchments for the SANBI Grasslands Programme.	May 2011 – August 2013
KZN Dept. Economic Development and Tourism	Mr Roger Davis Email: roger@isik.co.za +2782 775 8834	Ecosystem Goods and Services Specialist for the KZN Spatial Economic Development Strategy.	April 2011 - April 2012

EMPLOYER	CONTACT PERSON & CONTACT DETAILS	PROJECT DESCRIPTION	DURATION AND DATE COMPLETED
KZN Biodiversity Stewardship Programme Coordinator Ezemvelo KZN Wildlife	Mr. Kevin McCann Tel: +2733 343 6380 E-mail: KevinM@wildlands.co.za	Facilitation of the KZN Biodiversity Stewardship Agreement process for the Upper uThukela (AmaNgwane and AmaZizi) Wilderness Areas.	Sept 2010 – May 2011
David Bristow, Green Safari Africa Project	David Bristow Email: eardstapper@gmail.com	Author of assessment criteria and sustainability assessor of ±28 Lodges in 4 African countries for book <i>Africa's Finest: The Most Responsible, Sustainable Safari Destinations in Africa</i> , showcasing the top 50+ sustainable safari destinations in sub-Saharan Africa in 14 countries and 30 "other green places to visit" finalists.	Dec-10 – June 2012
Ezemvelo KZN Wildlife	Mr Oscar Mthimkhulu Cell: +2782 457 7174 Email: mthimkho@kznwildlife.com	Economic assessment of the natural capital of the buffer zone of the uKhahlamba Drakensberg Park World Heritage Site and development of economic incentive options for residents to participate in the establishment and maintenance of the buffer	Sep 2009 – April 2010
South African National Biodiversity Institute	Prof John Donaldson +2783 290 1170 Email: J.Donaldson@sanbi.org.za	Stakeholder engagement process and compilation of the Biodiversity Management Plan for the Albany Cycad ( <i>Encephalartos latifrons</i> )	Jan 2009 – July 2009
South African National Parks	Dr Michael Knight +2783 640 4918 Email: mknight@nmmu.ac.za	Feasibility study for the establishment of a high altitude grassland conservation and development area in the Eastern Cape Drakensberg	Dec 2009 – May 2010

#### APRIL 2008 TO MARCH 2010

Environmental consultant with Golder Associates Africa (Pty) Ltd. within the Sustainable Development Division and based in their Pietermaritzburg office.

#### SEPTEMBER 2002 TO MARCH 2008

Project Coordinator: Maloti Drakensberg Transfrontier Project. This position entailed the establishment of a Project Coordinating Unit consisting of a team of multi-disciplinary specialists and the coordination of their activities both within South Africa and with Lesotho, within the Maloti Drakensberg Bioregion. A key aspect of the position was also to ensure continued support for and participation in the project by key role-playing national, provincial and local government departments and stakeholders. Considering that this was a closed ended five year contract position a key focus was on a sustainable exit strategy. Part of this involved investigating income generating opportunities associated with the natural and cultural resources of the bioregion. One of the more exciting components of the latter was the possibility of establishing trading systems related to the delivery of ecological services. Also key to project sustainability was the establishment of strong institutional structures and linkages within and between the three spheres of government and the two countries. This project was funded by the Global Environment Facility through the World Bank with a grant amount of US\$ 7.9 million. For more information see [www.maloti.org](http://www.maloti.org).

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## APRIL 2002 TO AUGUST 2002

Independent consultant having provided my expertise to the following agencies/organisations:

- The USA aid agency Development Alternatives Incorporated in the compilation and review of the joint management plan for the Greater Limpopo Transfrontier Park.
- I was employed by the Southern African Wildlife College to facilitate a curriculum development workshop related to the Bush Meat Crisis.
- The Forestry Stewardship Council used my services to facilitate a workshop with forestry companies and compliance auditors looking for ways to improve the accreditation process.
- The national Dept. of Water Affairs and Forestry employed me to provide mentoring services to their indigenous forest managers in terms of the compilation of Integrated Management Plans.

## JANUARY 1996 TO MARCH 2002

Head of the Research and Development (R&D) division of the Mpumalanga Parks Board (MPB). The change in name of this division from the traditional Scientific Services was significant in the sense that the commercialisation mandate given to the MPB put emphasis on the need to formulate ways in which sufficient funds could be generated to support conservation in the Province. The identification of the fund generating opportunities became the responsibility of R&D. To ensure that the integrity of the resource base was not compromised in the pursuit of self-sufficiency, a process following Integrated Environmental Management Principles was identified, and has been adhered to. It was expected of R&D to ensure that the MPB remains focused on their core business of nature conservation while still commercialising the assets for which it is responsible.

As Head of this division I championed and contributed to a number of initiatives that have been recognised within the conservation fraternity as being visionary. The management planning process for protected area management, the commercialisation strategy and various land acquisition proposals are examples of these. The short course entitled “A strategic approach to the integrated planning and management of protected areas”, which I presented for three years at the Southern African Wildlife College, has become one of the college’s most popular short courses.

I served as the founding Chair of the Board of Trustees for the Ekangala Grassland Trust for two years. This body was established to champion the establishment and maintenance of an inter-provincial grassland biosphere reserve of approximately 1 million hectares. Although I lost my original place on the Board of Trustees through my retrenchment from the MPB, I was requested to remain on the Board as a Trustee. This I accepted and was consulted often by the current Chair and Project Co-ordinator.

I became involved in the process of establishing a Trans-Frontier Park between South Africa, Mozambique and Zimbabwe, the Greater Limpopo Transfrontier Park. At a workshop between the three countries I compiled and presented a power point presentation entitled “A framework for the joint management plan for the Gaza-Kruger-Gonerazhou Trans-Frontier Park” (the name by which it was previously known). This was accepted and was used to guide the compilation of the joint management plan. I also reviewed the plan as mentioned above.

In recognition of the growing and potential threat of bovine TB to the above initiative, as well as to the management of wildlife in the Kruger National Park and adjacent livestock, I worked in collaboration with the Mpumalanga office of the Dept. of Agriculture’s veterinary services, and the veterinary services in the Kruger National Park, to convene and facilitate a workshop of all relevant stakeholders. The workshop was known as the International TB Indaba and was hosted by the Mpumalanga Parks Board. Delegates presented various perspectives on the issue and formulated recommendations that were handed over to the national Dept. of Agriculture for implementation.

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## NOVEMBER 1994 TO JANUARY 1996

Although there was essentially no change in employer, this period has been entered separately into the C.V. due to the change in direction that took place within the organisation as a result of the political changes in the country and the formation of nine new provinces. This period therefore entailed the amalgamation of 3 conservation agencies that then existed in the new Mpumalanga Province into one, the Transvaal Provincial Administration's Nature Conservation component, KwaNdebele Nature Conservation and the Kangwane Parks Corporation.

The vehicle that was used to achieve the above was an Executive Committee which was comprised of a number of task teams representing the various disciplines within a typical nature conservation agency. I was given the responsibility of leading the Scientific Services task team.

The main function of this role was to compile a business plan for the scientific services component within a new paradigm of conservation that would be applicable to the new South Africa. This necessitated much interaction with the scientists and technicians to ensure that they were both included in the process, in terms of their inputs, and that they embraced the new paradigm. In addition to this I had to ensure that the results of the above process fitted into that of the vision of the new organisation.

The reason why this period seems to have taken almost two years was due to political complications. The direction taken for the new agency was one of a parastatal nature, and while this was originally supported by the politicians, it had to go through a long period of re-evaluation just when everything was in place for implementation, i.e. March 1995. From then until September 1995 all that had been achieved was scrutinised very carefully, including a 2-month intensive commission of enquiry.

The end result of this process was confirmation that all that had preceded it was correct. A significant addition that was made, however, was that in accepting the parastatal nature of the organisation, the Provincial government gave the MPB the mandate to commercialise conservation and to ensure financial self-sufficiency within 5 years. This then set the next process into motion and that was finalising the organisational structure and appointing key personnel. Even though people had been fulfilling specific roles, such as myself as leader of the scientific services task team, we had to apply for a position in the new organisation. This period lasted from September 1995 to January 1996 at which point my application for the position of Head of Research and Development was successful.

To begin with, the R&D Division had a staff component of 40 comprised of 14 scientists, 20 technicians and 6 field assistants. Although the staff worked closely together, the organisational structure included ecologists, specialist scientists, conservation planners, a GIS component and one developing an environmental management and audit system.

## FEBRUARY 1991 TO NOVEMBER 1994

Head of the Ecological Services Division of the Transvaal Provincial Administration's chief Directorate of Nature and Environmental Conservation office in Nelspruit.

The responsibilities of this post were to lead and co-ordinate the section that was to supply the Regional Head with scientifically based information to ensure the wise utilisation of the natural resources of the region. The region being the Eastern Transvaal, from the Olifants River in the north to the Pongola River in the south. The section was comprised of three ecologists and the Divisional Head.

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The Division's activities included providing resource management advice on State Land (mostly TPA Nature Reserves) and private land such as game farms and private nature reserves, conservation education internally and externally and environmental conservation, i.e. impact assessments.

Towards the end of this period the political restructuring began and in preparation for the development of the new provinces, a Strategic Management Committee was formed. I became involved in drawing up the new structure for the Eastern Transvaal Province's Department of Environmental Affairs and was requested to co-ordinate the section of the structure that was called "Professional Services". This portfolio included ecologists, environmental scientists, terrestrial and aquatic scientists, a Geographical Information System's expert and a Landscape Architect.

#### AUGUST 1989 TO JANUARY 1991

Nature Conservation Scientist for Flora Scientific Services in the above organisation, working on the threatened plants of the Transvaal. This project entailed surveys of the distribution and conservation status of threatened plants and the subsequent compilation of Conservation Plans for each species worked on.

#### JANUARY 1985 TO JULY 1989

Conservation Planner for the Eastern and Southern Transvaal Forest Regions of the Forestry Branch of the Department of Water Affairs and Forestry, based in Nelspruit.

The responsibilities of this post primarily entailed the drawing up of Conservation Plans for the State Timber Plantations in the above mentioned regions. Integrated Environmental Management (I.E.M) principles were used in the compilation of and motivating for the implementation of these plans.

In April 1987 the conservation areas and the related personnel of the Forestry Branch, throughout the country, were transferred to the various Provincial Conservation bodies. Forestry's conservation personnel in the Transvaal were transferred to the TPA and then seconded back to Forestry. In the middle of 1989 the post with Flora Scientific Services was offered to me and I accepted. The reason for acceptance of this offer was that there seemed to be little future for a career in conservation in the Forestry Branch. The understanding of the importance of sound environmental management had not yet taken root within the Forestry Branch. Resignation was not necessary as the move merely entailed withdrawing from secondment.

### 4. NATIONAL SERVICE

Carried out during 1979 and 1980 in the South African Air Force as a Meteorological Observer. After basic training and completion of the relevant course in Pretoria, 3 months were spent at the radar station on Mariepskop (near Hoedspruit), 9 months at Grootfontein and 6 months at Air Force Base Durban. I played rugby for the S.A.A.F at Mariepskop and Grootfontein.

### 5. REFERENCES

NAME	POSITION	CONTACT
Mr Oscar Mthimkhulu	Biodiversity Coordinator: uKhahlamba Drakensberg Park World Heritage Site	+27824577174 mthimkho@kznwildlife.com
Ms Maja Vasiljević	Director of Ekohorizon and Vice-chair of the IUCN WCPA Transboundary Conservation Specialist Group	+385 (91) 3010 194 maja.vasiljevic1@gmail.com



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Dr Mandy Cadman	Biodiversity Specialist Independent Consultant	+27 41 379 4221 mandycadman@telkomsa.net
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## 6. PAPERS PUBLISHED AND CONFERENCE PRESENTATIONS

- Zunckel, K. and de Wet, S.F. 1992. **Veld condition assessment of some game farms and nature reserves in the Eastern Transvaal lowveld during the 1991/92 drought.** Paper presented at the Third International Wildlife Ranching Symposium - A Celebration of Diversity, held at the CSIR in Pretoria in October 1992.
- Zunckel, K. 1993. **The role of insects and fire in the ecology of *Encephalartos laevifolius* and the management implications.** Paper presented at the Third International Conference on Cycad Biology - Conservation through Cultivation, held at the University of Pretoria in July 1993.
- Zunckel, K. 1996. **The biological diversity and conservation status of the Eastern Transvaal Escarpment Grasslands.** Paper presented at the Grassland Congress 31 held in Nelspruit in January 1996.
- Zunckel, K. and Gray, A.W. 1996. **The Mpumalanga Parks Board: facing the challenges of conservation in the new South Africa.** Paper presented at the Southern African Wildlife Management Association conference - Sustainable Use of Wildlife, held at the University of Cape Town in April 1996.
- Zunckel, K.; Stalmans, M. and Matthee, M. 1997. **Integrated environmental management procedures for the commercialisation of conservation in Mpumalanga, South Africa.** Paper presented at the International Association for Impact Assessment conference of the South African chapter - Integrated Environmental Management in Southern Africa: The State of the Art and Lessons Learnt, held at KwaMaritane in the Pilanesberg National Park in September 1997.
- Zunckel, K and Matthee, M. 1999. **A paradigm for the institutionalisation of environmental management in South Africa.** Paper presented at the International Association for Impact Assessment conference of the South African chapter held at the University of Bloemfontein in September 1999.
- Zunckel, K. 2003. **Managing and Conserving Southern African Grasslands with High Endemism: The Maloti Drakensberg Transfrontier Conservation and Development Program.** Mountain Research and Development, Vol. 23, No. 2, 113 – 118.
- Zunckel, K; Mokuku, C and Stewart, G. 2004. **The Maloti Drakensberg Transfrontier Conservation and Development Project.** In Managing Mountain Protected Areas: Challenges and Responses for the 21<sup>st</sup> Century. David Harmon and Graeme L. Worboys, editors. Andromeda Editrice, Italy.
- Zunckel, K. 2012. **The Maloti Drakensberg Transfrontier Conservation and Development Programme: A Cooperative Initiative between Lesotho and South Africa,** in Parks, Peace and Partnerships: Global Initiatives in Transboundary Conservation (2012), edited by Quinn, M.S., Broberg, L. and Freidmund, W. Energy, Ecology and Environment Series, University of Calgary Press, Calgary, Alberta, Canada.
- Zunckel K. 2015. **Global trends in transboundary conservation and peace building.** Presentation on behalf of the IUCN WCPA Transboundary Conservation Specialist Group to the World Leaders Conservation Forum on Jeju Island, South Korea from 7 – 9 July 2015.

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- Zunckel, K and Zunckel, K.L. 2015. **The Application of Anthropocene Thinking to Environmental Assessments**. Paper presented at the International Association for Impact Assessment: South African Chapter, national conference at Champagne Sports, 11 – 14 August 2015.
- Zunckel, K. 2015. **Ecological Infrastructure: A Global Context for Local Action**. Presentation on behalf of the Endangered Wildlife Trust at their National Business and Biodiversity Network function in Durban on 1 October 2015.
- Vasilijević, M., Zunckel, K., McKinney, M., Erg, B., Schoon, M., Rosen Michel, T. 2015. **Transboundary Conservation: A systematic and integrated approach**. Best Practice Protected Area Guidelines Series No. 23, Gland, Switzerland: IUCN. xii + 107 pp.
- Zunckel, K. 2014. **Southern African Development Community Transfrontier Conservation Guidelines: The establishment and development of TFCA initiatives between SADC Member States**. Guidelines compiled for and in collaboration with the SADC TFCA Network and the SADC Directorate for Food, Agriculture and Natural Resources Gaborone, Botswana.
- Jewitt, G., Zunckel, K., Dini, J., Hughes, C., de Winnaar, G., Mander, M., Hay, D., Pringle, C., McCosh, J., and Bredin, I. (eds.), 2015, **Investing in ecological infrastructure to enhance water security in the uMngeni River catchment**, Green Economy Research Report No. 1, Green Fund, Development Bank of Southern Africa, Midrand
- Zunckel, K. (2017). **Social Ecology and Transboundary Conservation: (Re-) Connecting Nature and People in Borderlands**; in “The Social Ecology of Border Landscapes”, Edited by Anna Grichting and Michele Zebich-Knos. Anthem Press, London, 250pp, ISBN: 9781783086696.

## 7. AFFILIATIONS

International Association for Impact Assessments: South African Chapter.  
 IUCN World Commission on Protected Areas – member.  
 IUCN World Commission on Protected Areas, Transboundary Conservation Specialist Group, Chair.  
 IUCN World Commission on Protected Areas, International Connectivity Conservation Network, Focal Point for Africa.  
 IUCN Theme on Indigenous Peoples, Local Communities, Equity and Protected Areas (TILCEPA) – member.  
 IUCN Commission on Environmental, Economic and Social Policy (CEESP) – member.

## 8. COMPUTER SKILLS

Most Microsoft packages with specific proficiencies in word processing, spreadsheets, Power Point presentations and electronic communications. Although not proficient in spatial data software, I was instrumental in introducing the use of Idrisi and later other GIS packages (ArcView and ArcInfo) to the TPA and MPB. I therefore have a good understanding of the value and application of such spatial data management tools. Typing proficiency is fast and accurate.

## 9. LANGUAGE PROFICIENCY

Language	Spoken	Written	Reading
English	Excellent	Excellent	Excellent
Afrikaans	Good	Good	Good

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## **10. CONFIRMATION OF AUTHENTICITY**

I, Kevan Zunckel, the undersigned hereby confirm that all that is recorded in this document is authentic.

A handwritten signature in black ink, appearing to be 'KZ' followed by a stylized flourish and a period.

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Kevan Zunckel: Partner  
Zunckel Ecological & Environmental Services