

Curriculum Vitae (CV)

1. **Proposed Position:** Visual Impact / 3D modelling and GIS Consultant
 2. **Name of Firm:** Visual Resource Management Africa cc (www.vrma.co.za)
 3. **Name of Staff:** Stephen Stead
 4. **Date of Birth:** 9 June 1967
 5. **Nationality:** South African
 6. **Contact Details:**
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7. Educational qualifications:

- University of Natal (Pietermaritzburg):
- Bachelor of Arts: Psychology and Geography
- Bachelor of Arts (Hons): Human Geography and Geographic Information Management Systems

8. Professional Accreditation:

- Association of Professional Heritage Practitioners (APHP) Western Cape
 - Accredited VIA practitioner member of the Association (2011)

9. Association involvement:

- International Association of Impact Assessment (IAIA) South African Affiliate
 - President (2012)
 - President-Elect (2011)
 - Conference Co-ordinator (2010)
 - National Executive Committee member (2009)
 - Southern Cape Chairperson (2008)

10. Conferences Attended:

- IAIAAsa 2011
- IAIA International 2011 (Mexico)
- IAIAAsa 2010
- IAIAAsa 2009
- IAIAAsa 2007

11. Continued Professional Development:

- Integrating Sustainability with Environment Assessment in South Africa (IAIAAsa Conference, 1 day)
- Achieving the full potential of SIA (Mexico, IAIA Conference, 2 days 2011)
- Researching and Assessing Heritage Resources Course (University of Cape Town, 5 days, 2009)

12. Countries of Work Experience:

- South Africa, Mozambique, Malawi, Lesotho and Namibia

13. Relevant Experience:

Stephen gained six years of experience in the field of Geographic Information Systems mapping and spatial analysis working as a consultant for the KwaZulu-Natal Department of Health and then with an Environmental Impact Assessment company based in the Western Cape. In 2004 he set up the company Visual Resource Management Africa which specializes in visual resource management and visual impact assessments in Africa. The company makes use of the well documented Visual Resource Management methodology developed by the Bureau of Land Management (USA) for

assessing the suitability of landscape modifications. In association with ILASA qualified landscape architect Liesel Stokes, he has assessed of over 100 major landscape modifications through-out southern and eastern Africa. The business has been operating for eight years and has successfully established and retained a large client base throughout Southern Africa which include amongst other, Rio Tinto (Pty) Ltd, Bannerman (Pty) Ltd, Anglo Coal (Pty) Ltd, Eskom (Pty) Ltd, NamPower and Vale (Pty) Ltd, Ariva (Pty) Ltd, Harmony Gold (Pty) Ltd, Mellium Challenge Account (USA), Pretoria Portland Cement (Pty) Ltd

14. Languages:

- English – First Language
- Afrikaans – fair in speaking, reading and writing

15. Projects:

A list of **some** of the large scale projects that VRMA has assessed has been attached below with the client list indicated per project (Refer to www.vrma.co.za for a full list of projects undertaken).

NAME	TYPE	DESCRIPTION	CLIENT	EAP	COUNTRY	YEAR
Kwale Sands Mine	VIA3	Mine	Base Titanium Resources	Rads Consulting	Kenya	2012
Kobong Hydro Scheme	VIA4	Plant and TX	Lesotho Electricity Generation Authority	Iliso Consulting	Lesotho	2011
Rossing Uranium Mine WRD	DSGN	Constraints Design	Rio Tinto (Pty) Ltd	Aurecon	Namibia	2011
George Visual Resource Management	PLAN	Planning	George Municipality	Willem de Kock	South Africa	2009
George Open Spaces System	PLAN	Planning	George Municipality	Willem de Kock	South Africa	2008
George Municipality SDF	GIS	Planning	George Municipality	Willem de Kock	South Africa	2007
George Municipality Densification	GIS	Planning	George Municipality	Willem de Kock	South Africa	2007
Wadrif Dam	VIA1	Dam	Plettenberg Municipality	Aurecon	South Africa	2010
PPC Rheebeek West Upgrade	VIA4	Industrial	Pretoria Portland Cement (Pty) Ltd	Aurecon	South Africa	2011
Beaufort West Urban Edge	GIS	Mapping	BW Municipality	Willem de Kock Planners	South Africa	2010
Bantamsklip GIS Mapping	GIS	Mapping	Eskom (Pty) Ltd	Arcus Gibb	South Africa	2009
Eastern Cape Mari-culture	VIA4	Mari-culture	Dept. Agriculture, forestry and Fisheries	Cape EAPrac	South Africa	2011
Bannerman Etango Uranium Mine Revision	VIA4	Mining	Bannerman (Pty) Ltd	ASEC	South Africa	2011
Otjikoto Gold Mine	VIA4	Mining	AuryxGold Inc	ASEC	Namibia	2011
Vale Moatize Coal Mine	VIA	Mining	VALE (Pty) Ltd	Aurecon	Mozambique	2010
Bannerman Etango Uranium Mine	VIA4	Mining	Bannerman (Pty) Ltd	ASEC	Namibia	2010
Rossing South Board Meeting	3D	Mining	Rio Tinto (Pty) Ltd	Aurecon	Namibia	2010
Onifin(Pty) Ltd Hartenbos Quarry	VIA1	Mining	Onifin (Pty) Ltd	Amathemba	South Africa	2010
Bon Accord Nickel Mine	VIA4	Mining	African Nickel (Pty) Ltd	Turgis	South Africa	2010
Rossing Uranium Mine Phase 2	VIA4	Mining	Rio Tinto (Pty) Ltd	Aurecon	Namibia	2009
Erongo Uranium Rush SEA	SEA	Mining	Namibian DME	SAIEA	Namibia	2008

NAME	TYPE	DESCRIPTION	CLIENT	EAP	COUNTRY	YEAR
RUL Sulphur Handling Facility	VIA3	Mining	Rio Tinto (Pty) Ltd	Ninham Shand	Namibia	2008
Rossing Uranium Mine Phase 1	VIA4	Mining	Rio Tinto (Pty) Ltd	Ninham Shand	Namibia	2007
Ryst Kuil/Riet Kuil Uranium Mine	VIA4	Mining	Turgis (Pty) Ltd	Turgis	South Africa	2007
Trekkopje Uranium Mine	VIA3	Mining	Ariva (Pty) Ltd	Turgis	Namibia	2007
Harmony Gold Mine	VIA3	Mining	Harmony Gold (Pty) Ltd	Turgis	South Africa	2005
Zebra Clay Mine	VIA4	Mining	Private	Sharples	South Africa	2005
MET Housing Etosha	VIA4	Nature Reserve	Mellium Challenge Account	Aurecon	Namibia	2010
Greater Durban Informal Housing Analysis	GIS	Photogrametry	Durban Municipality	Durban Municipality	South Africa	1995
Vale Nacala Coal Depo	VIA	Port	VALE (Pty) Ltd	Aurecon	Mozambique	2010
Floating Liquified Natural Gas Facility	VIA4	Port	PetroSA (Pty) Ltd	Aurecon	South Africa	2007
OCGT Power Plant Extension	VIA4	Power Plant	Eskom (Pty) Ltd	Aurecon	South Africa	2007
Khanyisa Power Station	VIA	Power Station	Anglo Coal (Pty) Ltd	Aurecon	South Africa	2011
Vale Moatize Railway EIA1	VIA	Railway	VALE (Pty) Ltd	Aurecon	Mozambique	2010
Vale Moatize Railway EIA2	VIA	Railway	VALE (Pty) Ltd	Aurecon	Malawi	2010
Vale Moatize Railway EIA3	VIA	Railway	VALE (Pty) Ltd	Aurecon	Mozambique	2010
George Western Bypass	VIA4	Road	George Municipality	Arcus Gibb	South Africa	2007
Beaufort West Wind Farm	VIA1	Structure	Private	CapeEAPrac	South Africa	2010
Walvis Bay Power Station	VIA4	Structure	NamPower (Pty) Ltd	Aurecon	South Africa	2008
Trekkopje Desalination Plant	VIA4	Structure	Ariva (Pty) Ltd	Turgis	Namibia	2007
MTN Lattice Hub Tower	VIA1	Tower	MTN (Pty) Ltd		South Africa	2010
Vodacom Mast	VIA4	Tower	Vodacom (Pty) Ltd	Kana Enviroml	South Africa	2010
Eden Telecommunication Tower	VIA4	Tower	Eden Municipality	Africon Engineering	South Africa	2009
Bantamsklip Transmission Revision	VIA4	Transmission	Eskom (Pty) Ltd	Cape EAPrac	South Africa	2010

Certification:

I confirm that the above CV is an accurate description of my experience and qualifications and that I am available to serve in the position indicated for me in the proposal for this project.

Yours faithfully,



Stephen Stead, Director