

Curriculum Vitae: RIAAN VAN ZYL (A.J. VAN ZYL)

Name of business: Riaan van Zyl Consulting and Contracting Arborist
Profession: Arborist/ Urban & Conservation Forester / Biodynamic Practitioner
Date of Birth: 03 MAY 1958 Nationality: South African / Irish
Years Experience: 30 YEARS

Membership in Professional Societies:

1. Southern African Institute Of Forestry
2. International Society of Arboriculture

Education:

- 1982 - Completed Bsc Forestry, University Stellenbosch
Majors: Conservation Forestry And Silviculture
- 1984-85 - One Year Course On Biodynamic / Organic Agriculture And Rural Development, Emerson College, Uk.
- 1985-86 - Apprentice Training And Worked With Qualified Arborist Connecticut, Usa,
- 1986-87 - Worked As Intern / Volunteer For A Canadian Aid Agency On An Integrated Rural Development Project, Lesotho. Developed And Maintained Woodlots And Food Gardens In Rural Lesotho.
- 1988 Started Own Business In Arboriculture And Forestry; To Present Self Employed

Other Training:

1. ATTEND INTERNATIONAL CONFERENCES WITH THE ISA (INTERNASIONAL SOCIETY OF ARBORICULTURE) ON A REGULAR BASIS.
2. ATTENDANCE COURSE ON URBAN GREENING / PLANNING - RHODES UNIVERSITY 2011
3. BIODYNAMIC TRAINING CIRCLE - BDAASA
4. GOETHEAN SCIENCE AND OBSERVATION - PARTICIPATE IN EXERCISES DEVELOPING SKILLS IN UNDERSTANDING THE NATURAL WORLD

Voluntary work:

1. MEMBER OF THE TREEKEEPERS - A CIVIL ORGANISATION CARING FOR TREES IN THE URBAN ENVIRONMENT. RVZ PROVIDES FREE ADVICE AND ASSESSMENTS AS NEEDED TO PRIVATE AND LOCAL AUTHORITIES
2. CO-FOUNDER OF THE WESTERN CAPE ARBORICULTURE ASSOCIATION (W.C.A.A.) AND PAST CHAIRPERSON
3. CREATE LAND ART OPPORTUNITIES FOR ARTISTS AND CLIENTS

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Employment Record:

- 1984 - Project Manager Urban Forest of Regional Services Council
- 1985 - Six (6) months apprenticeship training in Tree Care (Arboriculture) U.S.A. (1985)
- 1986 - Project Manager for Canadian Aid Agency, develop Forestry and Food production gardens with local farmers and surrounding communities;
- 1986 to present - Owner of Arboriculture, and Forestry business
- 1986 to 1989 – Work for winter months on a forest farm Pollenca Mallorca Spain. Lead volunteer groups in conservation forestry management programs
- 1989 to 1998 - Developed Forestry Projects for Gary Player Timber Ass.
- Worked ad-hoc on projects to protect, maintain trees in Botswana's concession areas since 2010. Elephant damage repair to trees and develop deterrents.
- 2016 to present - Co-Owner of Tree and Forest Botswana Pty(Ltd)
- Expert witness in court for various cases, i.e.
 - o Determining tree stability and cause of tree failure;
 - o Determining tree values using Helliwell and CTLA Formula
 - o Arboricultural and Silviculture best management practices
- Arboriculture consultant Cape Town City Council – Report writing, tree works specifications and method statements for tree care and - maintenance work;
- 2010 Develop GTIMS Application – Geographic Tree Inventory and Management System. Produce Urban Forestry Management Plans using GIS systems, inclusive of maps, inventories and work schedules;
- 2010 - Training of Arborist and Tree Workers in Best Management Practice for Arboriculture, and Conservation Forestry South Africa and Botswana

KEY AREAS OF SPECIALIZATION & CAPABILITY:

- All areas and aspects of Arboriculture and Urban Forest Management, Conservation Forestry, and Agro Forestry.
- Vegetation management for required functionality.
- Establishment and maintenance of tree production nurseries and field holding nurseries.
- Planning and management of harvesting operations for pole production, construction timber, pulp, paper and chipboard.
- Planning of transport, transport economics and logistics.
- Infield and low input pole production saw milling and wood chipping to add product value.
- Understand economic and financial analysis.
- Good organizing capability and execution of logistics.
- Extremely practical – good communication/reporting and hands-on approach.
- Strong capability in pioneering projects, personnel training and skills transfer.
- Planning of Fire prevention, control and training.
- Human resource development, skills transfer and social forestry development.

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- Development of Budgets, implementation, control and reporting.
- Site mapping, matching with tree species, compartmentalization into economic blocks, firebreaks, roads.
- Soil analysis, evaluation and recommendations on fertility.
- Soil preparation evaluation and execution.
- Conservation forestry care, maintenance and improvement.
- Clear understanding of international standards in Plantation Forestry and Forest Products and Conservation
- Development of Forest Conservation Management Plans and implementation.
- Experience in forest road building and road maintenance.
- Harvesting Plan, value adding by infield processing poles and sawn timber.
- All aspects of training – skilled and unskilled labour – tree planting, water harvesting, organic agriculture, compost making, forest statistics, tree pruning, thinning, tree felling, harvesting, sawmill operation, and pole production, tree assessment, tree access, use and care of hand tools and chainsaws.
- Regional economic planning.
- Community Supported Agriculture and Short Supply Chain development.
- Project planning, developing project clusters and linkages of business opportunities.

COMPUTER EXPERTISE AND CAPASITY:

ADOBE InDESIGN, PHOTOSHOP, DREAMWEAVER, ARC GIS, MAPITISER, POWERPOINT, MICROSOFT OFFICE SUITE, MAC & PC

Languages:

	<u>SPEAKING</u>	<u>READING</u>	<u>WRITING</u>
ENGLISH	EXCELLENT	EXCELLENT	EXCELLENT
AFRIKAANS	EXCELLENT	EXCELLENT	EXCELLENT

I, the undersigned, certify that, to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience.

