

# RICHARD ALLEN ELLIOTT: RESUMÉ

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<b>Present Appointment</b>	CAD/GIS/DTP Manager, CNdV Africa - Urban & Environmental Planners
<b>Nationality</b>	South African
<b>Education</b>	NDT – Cartography

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Richard Elliott has been with CNdV Africa since 1996. He has been instrumental in the implementation of CAD, GIS and DTP within the practice.

Richard has carried out GIS data construction and analysis for the WC Spatial Development Framework, CMA MOSS Study, DEAT Tourism Infrastructure Audit, CMC Informal Settlements Study, Groote Schuur Estate Conservation and Development Framework, Tygerberg Signage Policy, and CMC Building Survey. Richard was responsible for the CAD/GIS mapping for upgrading of Cape Town International Airport, West Coast Tourism Development, the Cape Peninsula National Park Tourism Development Strategy, and the Knysna Western Heads Development Framework. Richard has been involved in the CAD design of the proposed Capricorn Science and Industrial Park in Muizenberg and Sun International 's Urban Casino's proposal and other Town Planning projects.

Richard studied for a NDT Cartography, which he completed in 1985. He carried out a years practical surveying with the Chief Directorate of Survey's and Land Information and then commenced work as a Cartographer in this Directorate where he was involved in the establishment of the 1:500 000 and 1:50 000 National Topographical GIS Databases as well as Computer Aided Mapping (CAM) – acquiring expert knowledge in these fields.

## **His 23 years experience have included the following:**

**1:50 000 MAPPING** – map production, checking, editing and photo-reproduction.

**DIGITAL MAP PRODUCTION** – Scitex system operation, preparation of material for scanning, scanning and plotting of material, vectorisation of map detail, raster map production and shift supervision.

**G.I.S. PRODUCTION** – importing and featuring vectorised map detail.

**MANAGEMENT OF DIGITAL MAP PRODUCTION AND DATA CAPTURE** – Scitex and Laserscan systems, Intergraph MS5000 Scanner/Plotter, Vexcell Photo-Scanner, digital orthophoto rectification, development and maintenance of system utilities, establishments of procedures, design implementation and maintenance of production record database, supervision of production (12 staff members), training of all staff, evaluation of equipment/system tenders.

**MANAGEMENT OF GIS PROJECTS** – At CNdV Africa Richard has managed the GIS component of numerous projects from a local to a national scale. Having worked in a Town and Environmental planning company for 7 years prior to commencing with CNdV Africa, he has a strong spatial and conceptual mapping ability. His expertise in GIS ranges from data collection and construction to analysis.

He has produced maps for two Readers Digest books, namely "Spectacular World of Wildlife" in 1993 and "Illustrated Atlas of Southern Africa" in 1994.

Richard has also completed numerous management and technical system courses such as VAX/VMS Operating System, ReGIS Systems, programming, Unix Solaris system administration, Laserscan system training, GIS Management (ESRI), DHTML and System Analysis and Design.