Sian Doherty

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Profile:

Reliable, hardworking and organized Geographic Information Systems (GIS) professional recognized as a resource person for extensive knowledge in various technical disciplines including Microsoft Word, Excel and Outlook, spatial data management, Python scripting and general IT issues. Detail oriented and committed to on time project completion with over 7 years of invaluable state government experience in multi-disciplinary teams. Proven innovative problem solver dedicated to helping others and providing high quality geospatial products.

Summary of Software Skills

- GIS software: ESRI ArcGIS 9.3, 10.0, 10.1 & 10.2, MapInfo, Microstation, Quick Terrain Modeller, ERDAS Imagine, Fugro Viewer, FME
- Python scripting
- Microsoft Office suite: Word, Excel, Access, PowerPoint and Outlook
- HTML, XML and CSS skills
- Google Earth, Adobe Reader, Adobe Photoshop, Adobe Lifecycle

Experience

Senior Spatial Information Officer   March 2013–September 2013
Department of Natural Resources and Mines, Brisbane, Queensland, Australia

- Provided specialist technical advice/information/support to team members in Microsoft Word, Excel, Access and Outlook
- Organized meetings and booked conference rooms using Microsoft Outlook
- Resolved general computer issues including network connectivity problems, computer rebuilds and software installations
- Initiated change in work practice to increase productivity and ensure timely delivery of end products to clients
- Prepared documentation for methods and work procedures in line with GIS team protocol
- Prepared statistics and reports, presented results of spatial analysis to policy team and management and provided advice on implementation of outcomes for future policy creation
- Responded to client enquiries promptlyIndependently gathered, interpreted and analyzed spatial information for use in environmental planning, policy and legislative amendments of the Queensland *Vegetation Management Act 1999.*

- Developed customized GIS applications/tools with Python to increase resource efficiency and maximize productivity
- Updated metadata frequently adhering to ISO 19115:2003 standard

Senior GIS Analyst (Secondment)   January 2011–March 2013
Department of Environment and Heritage Protection, Brisbane, Queensland, Australia

- Assisted environmental planners in presentation of reports to community
- Organized community consultations including an 1100km week long road trip of consultations in South West Queensland
- Collaborated with Natural Resource Management organizations in developing community consultation reports and presentations
- Prioritized tasks in daily workflow to ensure deadlines were met while adhering to policy standards and templates when preparing maps, results and reports
- Researched, prepared and analyzed data for use in environmental planning and policy
- Reviewed different methods of data transfer to external organizations and solved system compatibility issues
- Produced cartographic products for use in environmental planning, policy and legislative amendments of the Queensland
  Environmental Protection (Water) Policy 2009

Spatial Information Officer   March 2006–January 2011
Department of Natural Resources and Water, Brisbane, Queensland, Australia

- Trained/supervised 3 staff and provided specialist technical advice on data capture and validation processes
- Developed work procedures / documentation for continuation of future project work in my absence while seconded to another government agency
- Developed Python programming skills using online resources
- Provided bi-weekly project progress reports to management
- Validated contract provided LiDAR point cloud data spatial accuracy
- Captured, validated and attributed natural environment data using ortho-rectified imagery, satellite imagery, departmental topographic maps and survey plans

Education

- Bachelor of Science (Resource and Environmental Management) (2003) – Macquarie University *North Ryde, New South Wales, Australia*

Professional Development/Training courses

- What's New in ArcGIS 10 / Python Scripting (2011)
- Recruitment and selection panel training (2009)
- Prince2 Project Management – Introduction to Project Management (2008)
- ESRI Introduction to Cartography (2007)

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- Introduction to MapInfo/Intermediate training – (2006)/(2007)
- Lake Louise Resorts of the Canadian Rockies (RCR) – International Experience Canada 2004-2005 (Employee of the Month February 2005)
- Driver's licence
- Basic conversational Japanese

Volunteer experience

- December 2007 – February 2013
    - o Organized and led social Netball and Touch Football teams for 6 years
- February 2006 - New South Wales Parks and Wildlife Service
    - o Assisted in development of report and cartographic products for use in extending conservation reserve area
- January 2006 – Conservation Volunteers Australia
    - o Planted trees for rehabilitation of riparian zone
- September – December 2005 – Central West Catchment Management Authority (CMA)
    - o Analyzed stakeholder requests for funding from CMA for use in Natural Resource Management projects
- December 2003 - New South Wales Parks and Wildlife Service
    - o Researched and developed method for surveys of pine tree saplings to assist in development of pest management
- July 1998 – Australian Bureau of Meteorology
    - o Assisted in analysis of hydrographical data for use in flood warning reports