SIMON MOCKLER

Email : spmmockler@gmail.com   Mobile: 0428 357 497

COMPETENCIES

Operating Systems

- Windows 7/8/10
- Linux (Debian/Ubuntu)

Data & Systems

- Active Directory
- Apache Studio Directory
- SAS2000
- Dell Boomi
- Azure
- Google Cloud IAM

Software

- Google Apps for Education
- MS Office
- Kaseya
- Visual Studio Code
- Anaconda Navigator
- ArcView
- ArcGIS

Code/Scripting

- PowerShell
- GAM
- Google Apps Script
- Python
- Arduino
- JSON
- HTML & CSS

EMPLOYMENT

2015–2018 : IT Support Officer. Catholic Schools Office Wagga Wagga.

- Improve outcomes for learning through continual review and assessment of service delivery practices and strategies that best serve requestors.
- Deliver timely solutions for requestors balancing the competing requirements of incoming and current requests using an urgency/impact based priority matrix.
- Plan and execute logistics, scheduling, repair and deployment of IT equipment.
- Maintain functional integration between SAS2000, PHRIS, several identity management systems and Google Cloud Identity and Access Management.

2013–2014 : IT Support Officer. Catholic Schools Office Wagga Wagga.

- Used problem solving skills to effectively deliver solutions for requestors using remote monitoring and management software.
- Completed planned tasks and accommodated *ad hoc* service requests.

2011–2012 : Geophysicist. Terrabyte Services, Wagga Wagga.

- Analysed and interpreted data in Geographic Information Systems (GIS).
- Reviewed and edited technical report deliverables for consultancies.
- Created high quality maps, scientific illustrations and website content.

2008–2010 : Technical Officer. Australian School of Petroleum, University of Adelaide.

- Collated, analysed and interpreted GIS data from databases.
- Technical report and website content review, creation and editing.

2006–2007 : Desktop Support Officer. Information Support Group, School of Information Technology & Electrical Engineering, UNSW@ADFA.

- Provided practical support to staff and students in the use of email, the MS Office suite, anti-virus and other software.
- Planned the roll-out and maintenance of IT infrastructure.

2005–2006 : Research Associate. School of Physical, Environmental & Mathematical Sciences, UNSW@ADFA.

- As part of a significant consultancy for the ACT Government conducted an RTK GPS survey and ArcGIS analysis of forest road networks, road drainage devices and their impacts on sedimentation and water quality in the ACT Forestry Estate after the January 2003 bushfires.
- Performed GIS and Remote Sensing data collation, analysis and interpretation, production of publication standard maps.

2004–2006 : Teaching Assistant. PEMS, UNSW@ADFA.

- Tutored Remote Sensing, GIS, Field Techniques and GPS Surveying to cadets and colleagues.
- Acquired, prepared and tested teaching materials and data from diverse sources.

2001–2005 : Research Associate. PEMS, UNSW@ADFA.

- Studied the impacts of forestry in NSW and Victoria, also studied the hydrology and geomorphology or rivers/floodplains in Queensland, NSW and South Australia.
- Successfully planned and conducted high quality GPS surveys of rivers/floodplains.
- Used ArcGIS to analyse and publish data from large GIS databases and GPS surveys.

1995–2001 : Technical Officer and recurring **Research Assistant** positions at ANU, Division of Botany and Zoology, CSIRO Division of Soils, and CSIRO Land & Water.

- Performed varied scientific, technical and analytical duties.

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Skills

Problem Solving

- Debug scripts
- Interpret error codes
- Read manuals & FAQs
- Utilise team experience

Planning

- Brainstorm ideas
- Plan document structure
- Identify errors
- Implement solutions

Critical Thinking

- Logical
- Analytical
- Perceptive
- Problem Solver
- Innovative
- Rational

Personal Traits

- Articulate
- Collaborative
- Inclusive
- Professional
- Teachable
- Verbal communication
- Relationship building

Education

Bachelor of Science (Honours), ANU, 1994. Supervisor: Dr John Kalish.

- Researched, planned and conducted an ecological study of a native fish.
- Analysed results and produced a thesis: *Ecology of the western carp gudgeon (Hypseleotris klunzingeri) in Lake Burley Griffin.*

Selected Publications

Peer Reviewed Journals:

- Croke, J., **Mockler, S.**, Fogarty, P. and Takken, I. (2005). *Sediment concentration changes in runoff pathways from a forest road network and the resultant spatial pattern of catchment connectivity.* Geomorphology, 68 (3), p.257-268.
- Croke, J. and **Mockler, S**. (2001). *Gully initiation and road-to-stream linkage in a forested catchment, South-eastern Australia.* Earth Surface Processes and Landforms, 26 (2): 205-217.

Published Reports:

- Croke, J., Takken, I. and **Mockler, S**. (2004). *Erosion in Forests: Proceedings of the 4th Meeting in Canberra, March 2004.* CRC for Catchment Hydrology, Technical Report 10/04.
- **Mockler, S**. and Croke, J. (1999). *Road to stream connectivity: The relative roles of slope, discharge and soil erodibility.* In: J. Croke and P. Lane (Eds), Forest management for the protection of water quality and quantity. Proceedings of the Second Erosion in Forests Workshop, Warburton, May 1999. CRC for Catchment Hydrology, Report 99/6, Monash University, pp. 59-62.
- **Mockler, S.** and Croke, J. (1999). *Prescriptive measures for preventing road to stream linkage.* In: I.D. Rutherfurd and R. Bartley (Eds), Proceedings of the Second Australian Stream Management Conference, Adelaide, South Australia, 8-11 February 1999. CRC for Catchment Hydrology, pp. 451-7.

References

Prudence Horan :	Assistant Director CSOWW	Ph: 0428 357 497
Karen Gardiner :	Schools Services Officer CSOWW	Ph: 0428 357 497
Phillip Baaten :	Professional Officer CSOWW	Ph: 0428 357 497
Alan Bowyer :	Director of Schools CSOWW (Retired)	Ph: 0428 357 497