



Ian Moorhouse

SENIOR CONSULTANT, RURAL WATER

Qualifications

*Bachelor of Civil Engineering
RMIT University 1974-1977*

*Engineer of Water Supply - Victoria
(1985)*

Fields of Special Competence

- *Irrigation supply*
- *Water resource management*
- *Leadership*
- *Strategic planning*
- *Staff and resource management*
- *Irrigation system design*
- *Asset management*
- *Customer service & stakeholder engagement*
- *Business change management*
- *Technical service provision*
- *Organisational governance*

SKILLS AND CAPABILITIES

- Over 30 years of front line knowledge, skills and expertise in the rural water industry. This has been gained in a range of positions across water service provider organisations. Including over 10 years at senior executive level at Australia's largest rural water corporation with 30,000 customers over a region of 68,000 square kilometres, 700 staff, an asset base valued at \$6 billion and annual revenues of over \$140 million.
- Proven senior management experience with a demonstrated commitment to good governance, leadership, customer service delivery, productivity and efficiency improvement, collaboration, financial management and raising the professionalism of the industry. With the ability to communicate effectively at all levels, from customers, media, Boards of Directors to government Ministers.
- Over 20 years of hands on experience in the planning, design, construction, operation and maintenance of irrigation, drainage and salinity control infrastructure. Including the development of asset maintenance, renewal, water saving and modernisation strategies, policies and programs.
- Extensive practical experience in all aspects of customer service, operation, maintenance, design, construction, management, safety, customer engagement, service level development, corporate finance, tariffs and pricing of irrigation and drainage systems.
- Skills in strategic planning, policy development, relationship building with government agencies and stakeholders, regulatory compliance, risk management, research and development, media and organisational performance and corporate governance in complex political and price regulated business environments.
- Water resource management from big picture to detail in regulated and unregulated surface water and groundwater systems, in an issues-rich environment with government policy reform, water market development, climate viability and drought response.
- Strong change management skills. Development and implementation of organisational, cultural and workplace change initiatives, including major restructures, commercial competitiveness and customer service focus, benchmarking and business analysis, outsourcing, workforce productivity improvement, cost reductions and performance improvement of large complex organisations.
- Well-developed understanding of the environment and context that operates around irrigation in the southern Murray Darling Basin and the national irrigation industry, from the dam to the end user and the importance of irrigation to water dependent regional communities. Together with a network of irrigation industry connections across Australia and internationally.

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- Expertise in project investigation, cost estimating, business case development, technical reporting, project appraisal, planning, customer consultation, environmental compliance, technical standards, design, safety, cost control and contract administration. Including the development of annual and forward looks recurrent and capital programs for irrigation and drainage projects under both direct management and contract.
- Strong technical knowledge of whole of life asset management of large water storage, irrigation and drainage systems, and the supporting condition and life assessments, asset management information systems, strategies, policies and procedures.
- Strategic and operational management of the provision of engineering, project delivery, technical and business support services by internal groups and external consultants and contractors.
- Strong leadership, communication and people management skills from customers through to Boards with the ability to develop and lead large diverse work groups of over 400 staff, including workforce planning, team building, coaching, performance management, training and development, ethical standards, health and safety, dispute resolution, industrial relations and enterprise agreements.

PROFESSIONAL AFFILIATIONS

Active involvement in the Australian National Committee on Irrigation and Drainage (ANCID) from 1993 to 2007.

Member of Irrigation Australia Limited (IAL) from 2008 to present.

Board member of IAL from 2008 to present.

Chair of IAL Governance Committee from 2009 to present.

Deputy Chair of IAL from 2009 to 2012.

Chair of IAL from 2012 to 2014.

Chairman of the Partners Forum of the Cooperative Research Centre for Irrigation Future (CRC IF) from 2008 to 2010.

Member of the Australian Water Association (AWA) from 1979 to 2012.

Member of the Association of Professional Engineers, Scientists and Managers, Australia (APEASMA) from 1994 to 2012.

PROFESSIONAL EXPERIENCE

- Senior consultant – DG Consulting (Aus) Pty Ltd (Mar 2014 – present)
- Independent consultant (Aug 2012 – Feb 2014)
- Chief Operating Officer & General Manager of Programs, Goulburn-Murray Rural Water Corporation (Jul 2010 - Jul 2012)
- Chief Operating Officer, Goulburn-Murray Rural Water Corporation (Nov 2009 - Jun 2010)
- General Manager Operations, Goulburn-Murray Rural Water Corporation (Nov 2008 - Oct 2009)
- Executive Manager Water Delivery Services, Goulburn-Murray Rural Water Authority (Dec 2005 - Oct 2008)
- Group Manager District Services, Goulburn-Murray Rural Water Authority (Mar 2002 - Nov 2005)
- Acting Group Manager Water Services, Goulburn-Murray Rural Water Authority (Oct 2001 - Mar 2002)
- Manager Irrigation Technical Services, Goulburn-Murray Rural Water Authority (Oct 2000 - Oct 2001)
- Manager Distribution Assets, Goulburn-Murray Rural Water Authority (Aug 1996 - Oct 2000)
- Manager Headworks Assets & Distribution Assets, Goulburn-Murray Rural Water Authority (Nov 1995 - Jul 1996)
- Manager Distribution Assets. Goulburn-Murray Rural Water Authority (May 1993 - Oct 1995)

Rural Water Corporation, State Rivers & Water Supply Commission (Vic)

Various engineering design and irrigation management roles 1978 - 1993

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PAPERS PUBLISHED

- Guidelines to Good Practice for the Construction and Refurbishment of Earthen Irrigation Channel Banks. Irrigation Insights Report (2001). Land and Water Resources Research and Development Corporation (LWRRDC), Australia.
- Asset Management of Irrigation Infrastructure - The approach of Goulburn-Murray Water, Australia. Irrigation and Drainage Systems Journal (1999). Kluwer Academic Publishers, Netherlands.

OVERSEAS ASSIGNMENTS

Team Leader, *Water Resources Consolidation Project*, Operations and Maintenance Study, Tamil Nadu, India for the World Bank – Washington. 1993 for four months.

Secretary of the *Modernised Irrigation Services* working group of the International Commission on Irrigation and Drainage (ICID) from 2009 to 2012. Technical papers presented at the Asian Regional ICID conferences in India (2009) and Indonesia (2010).