



PROFILE

ROSS NEIVANDT CEnvP

PRINCIPAL ENVIRONMENTAL SCIENTIST & PROJECT COORDINATOR



Ross has over 28 years' experience in environmental research, innovation and precision monitoring in the agricultural, mining and civil industries. His passion is helping clients create systems and processes to ensure enduring beneficial environmental impact solutions.

He has been fortunate to work across the globe, from the Queensland cane fields to the Australian Outback, throughout the Atacama Desert, Patagonia and Andean Mountains of Chile, the Amazon Rainforests of Northern Peru, the wilds of Texas and the jungle of New York City USA.

Born and raised in Bendigo, Central Victoria, Ross completed his earth science and hydrogeology studies with independent groundwater and agronomic research projects in the Campaspe district and the Murray Darling Basin. He then worked on cane irrigation, shallow groundwater and GCTB research with BSES in Bundaberg and then QDPI's SalCon (Salinity & Contaminant Hydrology) group providing land and groundwater protection, investigation and extension services.

After working Australia-wide as a Hydrogeologist and Environmental Scientist Ross founded the Mackay based company IESA Environmental. Over 23 years Ross built and led IESA to become a world leading environmental services provider, operating throughout Australia, the US and Latin America and which counted Landcare groups, farmers, governments, mining companies and research organisations amongst its many clients. IESA went on to be awarded The Premier of Queensland's Export Award 2013 (Richard Joel award for emerging exporter) and The Premier of Queensland's Small Business and Environmental awards (finalist).

When IESA was acquired in 2015, Ross joined the private consultancy as Principal Innovation Scientist and developed patented monitoring technologies and satellite telemetry systems. In 2016 Ross started a Master's Degree in Global Management and has joined Catchment Solutions as Project Officer for Project Catalyst. As history goes, Ross's association with Project Catalyst dates back to the very beginning with IESA being a founding member of Reef Catchments Inc. and Ross being involved in and supporting Project Catalyst at various stages since its inception.

With a very much hands on approach to project leadership, Ross aims to champion and promote Project Catalyst's achievements, support current and future innovation and ensure project successes are extended to the greater growing community and beyond.



"Project Catalyst is the wonderful story of the successes of our grower's own on-farm initiatives, ultimately aimed at creating enduring reductions in our impact on the Reef. Together, we will continue the great work and enrich the industry by sharing and promoting our important achievements. The Great Barrier Reef, our greatest natural asset, couldn't be in safer hands"

KEY SKILL AREAS

- Agricultural and industrial processes research
- Development of improved environmental practices
- Large and small scale project conceptualisation and planning
- Grower engagement
- Stakeholder relations and management
- Communication and extension activities
- Team leadership
- Innovation stewardship
- Quality management
- Governance and compliance



EDUCATION AND TRAINING

Bachelor of Applied Science. B.App.Sc.(Geology)

Latrobe University 1987-1989

Bachelor of Science (Honours). B.Sc.(Hons)

University of Melbourne 1990-1991

Master of Science. M.Sc.(Global Management)

University of Salford 2017-2021

COMPETENCIES

Justice of the Peace (Qual)

Qld Water Bore Driller: Class 1 (Licence 3063)

Wildlife Handler (Licence WA0000163)

Private Investigator (Licence 4124896)

Government Investigator (PSP40416)

Security Provider: All functions (Licence 4124896)

Security Advisor (Licence 4135833)

Quality Systems Auditor

Radiation Safety Officer

Licence to Perform High Risk Work Forklift Truck

EXPERIENCE

Catchment Solutions

(Environmental Consultancy and Services Provision)

Project Officer / Environmental Consultant

Trident Services Australia

(Aviation Protection)

Site Coordinator

Gilbert & Sutherland

(Environmental Services)

Principal Innovation Scientist

IESA Environmental (Global)

(Environmental, Geotechnical and Drilling Services)

Principal Consultant / Director

Rust PPK

(Environmental and Engineering Services)

Hydrogeologist

QDPI – SalCon

(Salinity and Contaminant Hydrology)

Field Scientist

BSES (Bureau of Sugar Experiment Stations)

(Sugar Research and Extension Services)

Research Associate

RELEVANT PROJECTS

PROJECT	DESCRIPTION	ROLE	CLIENT	YEAR
Project Catalyst	A grower led innovation program promoting improved land, water and crop management practices and creating enduring water quality improvements for the Great Barrier Reef	Project Officer	Australian Federal Government, WWF, Coca Cola Foundation	Current
Innovation, R&D and emerging Technologies	Development of patented environmental monitoring technologies, satellite telemetry systems and data management techniques	Principal Innovation Scientist	Private Company	2015-2016
Vadose Zone R&D	Moisture monitoring to improve process efficiency in Copper heap leach stockpiles	Principal	Codelco - Radomiro Tomic Mine - Chile	2014
Water Quality Improvement	Improve discharge water quality	Principal	Compañía Minera Poderosa S.A. Mine - Peru	2014
Environmental Services	Environmental consulting, monitoring, compliance auditing, investigation, green field project development, hydrogeology, R&D	Principal	Various including: Landcare Australia, Qld, NSW and Australian Federal Governments, BMA, BHP Iron Ore, Codelco, Vale, Xstrata, MIM etc	1993-2015
Isis Irrigation District	Researcher – irrigation practices, groundwater protection and GCTB innovation	Research Associate	BSES / QDPI	1991-1992

