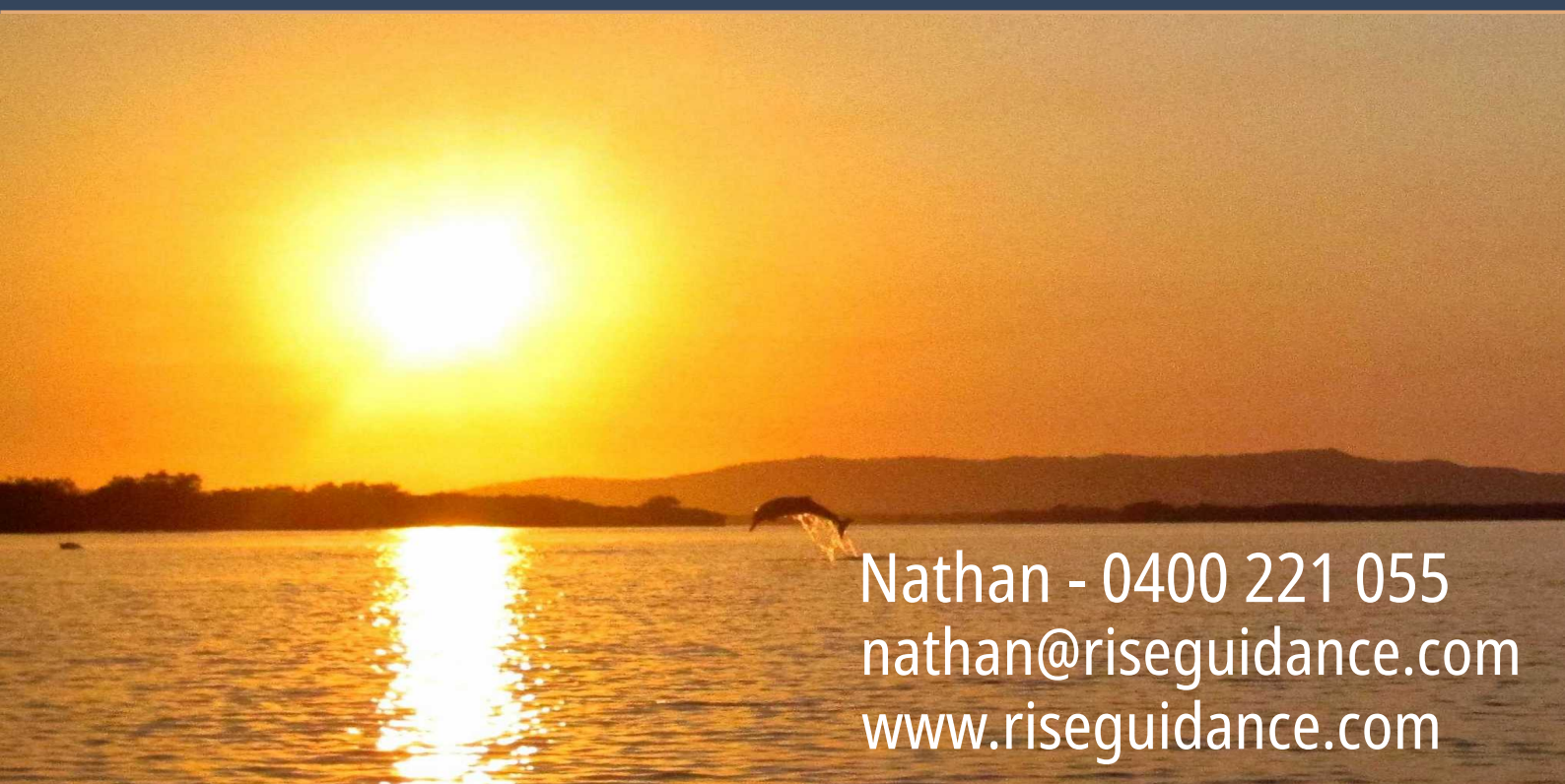




Capability Statement & Curriculum Vitae 2019



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Nathan Johnston

Qualifications

- Bachelor of Technology (Btech), Aquatic Resource Management, **CQ University**
- Coxswain Grade 1 (Restricted) Near Coastal, **Australian Maritime Safety Authority**
- Company Directors Course Graduate, **Australian Institute of Company Directors**
- Operator Accreditation (General Passenger Transport Services), **Transport & Main Roads**
- Driver Authorisation, **Transport & Main Roads**
- Senior First Aid & CPR, **New Horizons Safety & Training Services**

Publications & Papers

- Annual Fitzroy Basin Waterway Health Report Cards 2010- 2017, **Contributor**
- Environmental Values for the Fitzroy: Community Consultation, **Co-author**
- Fitzroy Water Quality Improvement Plan Report 2009, **Lead Author**
- Resources Policy. *"A collaborative approach to address the cumulative impacts of mine-water discharge: Negotiating a cross-sectoral waterway partnership in the Bowen Basin, Australia."* **Co-author**
- Ecological Indicators. *"An Ecosystem Health Index for a large and variable river basin: Methodology, challenges and continuous improvement in Queensland's Fitzroy Basin."* **Co-author**

Experience

Owner

Rise Environmental & Guiding Services
Rockhampton, Australia
January 2019 - Current

Executive Officer

Fitzroy Partnership for River Health
2012 – January 2019

Operations Manager

Fitzroy Basin Association
2011 – 2012

Healthy Waterways Coordinator

Fitzroy Basin Association
2009 – 2011

Regional Coordinator – Water Quality

Fitzroy Basin Association
2005 – 2009

Senior Project Officer – Community Waterway Monitoring

Department of Natural Resources & Mines
2004 – 2005

Technical Officer – Water Quality

Environmental Protection Agency
2000 – 2004

Trainee Coxswain

Department of Transport
1999 – 2000

Capability Statement

Waterway Expertise & Advice

- Discipline specialist for water quality, fisheries and aquatic ecosystems of the Fitzroy Basin, Central Queensland
- Program and research coordination
- Technical, educational and policy document creation, review, editing and proofreading
- Content creator – water quality, fisheries and aquatic ecosystems
- Mentoring and support services for junior technicians and project officers
- Monitoring Program design and review
- Field Waterway Sampling and Design to Monitoring and Sampling Manual Environmental Protection (Water) Policy 2018 Standards including:
 - Monitoring design, document preparation & data entry
 - All manual physical and chemical water quality assessments
 - Macroinvertebrate sampling for laboratory picking
 - Fish sampling and catch processing (electrofishing, cast net, line and trap)

Facilitation

- Planning, negotiating and running multi stakeholder processes with water quality, fisheries and aquatic ecosystem focus
- Planning, negotiating and running community stakeholder groups and processes with water quality, fisheries and aquatic ecosystem focus
- Mentoring and advice on community and multi-stakeholder engagement
- Social and network analysis relevant to your project ready for engagement process – Fitzroy Basin focus

Waterway Report Card Development, Design & Mentoring Service

- Social and network analysis for catchment/are of interest (Foundation work)
- Data and knowledge review (Foundation work)
- Program Design preparation and review
- Online and hard copy report card design and review
- Content creation, summary and technical reports
- Facilitation and mentoring services
- Governance development and review

Guided Tours & Fishing

- Qualified & experienced small vessel operator. Commercially qualified to command and operate ships up to 12 metres & 500kW in sheltered and near coastal waters. Lease arrangement for use of 4.2m Tabs Bullshark in 2C survey
- Accredited to carry paid passengers for tours and other general transport services. Toyota Dual Cab Hilux, 2016 registered for this service, including off-road use.

Project and experience highlights

Waterway expertise and advice

- Five years of foundation water quality sampling, macro-invertebrate sampling, fish sampling, seagrass surveys and coral surveys with the Queensland Government specialist Water Monitoring Technical unit responsible for the SEQ Healthy Waterways Report Card monitoring program.
- Community waterway monitoring support services. Development and management of a five year event based community monitoring program involving Landholders in the Fitzroy Basin.
- Preparation of the first Fitzroy Basin Water Quality Targets relevant to sediment and nutrient contaminant reductions to the Great Barrier Reef.
- Preparation of the first Water Quality Improvement Plan for the Fitzroy Basin, including commissioning and oversight of supporting studies, like the whole of basin sediment and nutrient modelling that has now gone on to be improved and incorporated into the Source Catchments model for the Great Barrier Reef.
- Support in development of the online content for the current Water Quality Improvement Plan for the Fitzroy Basin.
- Coordination and delivery of a series of Fitzroy Basin Environmental Values workshops that informed identification of Environmental Values and Beneficial Uses for water across the Fitzroy. Preparation of a Fitzroy Basin Environmental Values Report that was subsequently used to inform the setting of Environmental Values included in the Queensland Environmental Protection Policy, Water.
- Oversight of a multi million dollar riparian and wetland protection program for several years. The program resulted in thousands of kilometres of fences being installed and tens of thousands of tonnes of sediment being kept on paddock and away from the Great Barrier Reef.
- Commissioning of the first fishway barrier identification and prioritisation project for the Fitzroy Natural Resource Management region and oversight of several fishway construction projects.
- Oversight of the revitalised Queensland Sportfishers community fish tagging and data collection program.
- Oversight of the program design development, technical assessment and publishing of the Annual Ecosystem Health, Drinking Water and Agricultural Use Reports for the Fitzroy Partnership for River Health for eight years.
- Oversight of a project that resulted in development of a salinity module plugin for the Source Catchments model, which also included development of a working Fitzroy Basin salinity model.
- Contributing author of the Fitzroy monitoring efficiency and gap analysis report that assessed hundreds of water quality monitoring sites that are sampled by dozens of organisations across the Fitzroy Basin.

Facilitation

- Two year negotiation and facilitation that led to establishment of the Fitzroy Partnership for River Health. This is an internationally recognised multi-stakeholder collective that draws together often competing sectoral interests to collaborate around a shared mission of providing a more complete picture of river health for the Fitzroy Basin.
- Six year oversight of operations for the Fitzroy Partnership for River Health including leadership over member relations, coordination of science and committee meetings, technical and operational supervision to deliver seven annual riverhealth report cards and long term trends.
- Oversight as President of Queensland Sportsfishers, which is a multi member association of fishing clubs operating with the core tenements of Sport, Conservation and Integrity. Activities include event organisation of a 50 year sportfishing celebration in Cairns.
- Event management of the “Corio Bay Classic” and “King of the Fitzroy” fishing competitions on behalf of the Keppel Bay Sportfishing Club
- Coordination of a series of Fitzroy Basin Environmental Values identification workshops that informed identification of Environmental Values and Beneficial Uses for water across the Fitzroy.
- Negotiation between technical specialists, regulators and regulated entities to explore establishment of a Fitzroy Integrated Receiving Environment Monitoring Program.

Project and experience highlights

Waterway Report Card Development, Design & Mentoring Service

- Oversight of operation of the Fitzroy Partnership for River Health during two year establishment phase and the first six years of operations
- Fostering a healthy group holding environment. Providing suitable prompts and materials to support member discussion and decision making.
- Observing, listening to, valuing opinions of all involved and then using this information to aid in negotiating pathways for progress, while accounting for a multitude of personality types and organisational viewpoints
- Negotiating cost sharing arrangements for partnership resourcing and in-kind data contributions for report card development
- Maintaining a strong client focus and relationship with members
- Preparing governance documentation and committee materials for 50+ meetings in 8 years to support group discussion and decision making.
- Preparation of strategic planning documentation
- Establishment and oversight of an Independent Science Advisory Panel and maintaining smooth running with support to Science Leader
- Being aware of the limits of personal knowledge or expertise and being able to reach out to other specialists for advice and support where necessary
- Design & functionality architect of the nationally recognised online river report card website for the Fitzroy Partnership. The site has streamlined assessment & publication of results leading to cost savings.
- Design and functionality architect of Fitzroy Partnership agricultural use, community monitoring and drinking water online report card products.
- Project oversight and design functionality architect for for current online Great Barrier Reef Report Card, Healthy Rivers to Reef Report Card and Port Curtis Harbourwatch community portal.

