UQ MISSION

The University of Queensland positively influences society by engaging in the pursuit of excellence through the creation, preservation, transfer and application of knowledge. UQ helps shape the future by bringing together and developing leaders in their fields to inspire the next generation and to advance ideas that benefit the world. UQ strives for the personal and professional success of its students, staff and alumni.

UQs THREE PILLARS

• Learning
• Discovery
• Engagement
The Faculty of Science and its Research Stations aim to support fundamental advances in scientific research and provide advanced and interactive teaching programs for scientific minds. The activities of the Research Stations will be communicated to engage with the local and global community and encourage and facilitate national and international collaboration.

Heron Island Research Station and Moreton Bay Research Station will be supported by a technically capable workforce, adaptable to the needs of its users.

Heron Island Research Station and Moreton Bay Research Station will be resilient to the external forces of economic conditions and continually provide a strategically flexible drive to maintain the Stations’ vision.

The Research Stations will continue to maintain the core values of:

- Leadership and support in marine research and field learning facilities;
- Integrity, ethics and safety in all endeavours;
- Professionalism, creativity and collaboration; and
- Responsible management of natural resources and fiscal assets.
THE CHALLENGE:
Enhance research in addition to teaching program at MBRS

THE CHALLENGE:
Provide a pathway for the expansion of research activities

THE CHALLENGE:
Close the gap between academic needs and operational requirements

THE CHALLENGE:
Provide a pathway for the expansion of education programs

Knowledge leadership for a better world

Increase Station internal engagement with UQ academic community
Build further partnerships with government, industry, local and indigenous community, and other institutions
Increase the visible profile for domestic and international teaching and research
Assist in the development and recruitment of UQ disciplines
Enhance UQ and Faculty of Science’s tools for engagement and outreach
Increase collaborations between UQ and other institutions
Attract high quality researchers to UQ Science
Increase international research profile
Support the development and advancement of UQ disciplines
Provide an enriching and unique learning environment
Increase the quality and quantity of field courses
Increase international teaching and learning profile
Increase UQ and Science recruitment
Support the development and advancement of UQ disciplines
Increase the quality, quantity and diversity of field research
Increase international teaching and learning profile
Increase UQ and Science recruitment
The Moreton Bay Research Station and the Heron Island Research Station provide unique locations to undertake field courses and research enriched curricula that promote the core values and standards of the UQ student experience – or the UQ Advantage. Both Research Stations have an outstanding record of quality and diversity of its learning activities. They provide a distinguished facility for UQ, domestic and international tertiary courses, secondary school courses and its own high school science camp program.

To provide support to the field courses undertaken at each facility, the Research Stations must have a commitment to the development and enhancement of the educational experience. There is a continuous demand for the Research Stations to provide mechanisms for greater interaction and interconnectivity to courses and curricula to evolve and develop. The Research Stations must be flexible and adaptive to ensure that all teaching undertaken is able to reach the highest standard, to promote UQ and create teaching courses that provide students with the highest standards of practical skills and knowledge in their fields, ultimately producing highly employable graduates.

The Research Station’s ambition is to provide a unique learning platform for field work that enhances secondary and tertiary courses to encourage recruitment into UQ and create higher quality graduates.
**LEARNING**

**ACTION**
- Provide first class facilities and equipment for unique learning and practical experiences.
- Provide first class service to facilitate teaching and learning in a safe, productive and efficient manner.
- Promote relevant UQ courses onsite and during Research Station events.
- Support innovative teaching practices.
- Assist users to access and utilise facilities and equipment through increased transparency in policies and procedures.
- Support secondary school courses as a mechanism to recruit students into UQ.
- Target high quality secondary schools to attract high achieving students to UQ.

**STRATEGY**
- Support the development and advancement of UQ disciplines.
- Provide an enriching and unique learning environment.
- Increase the quality and quantity of field courses.
- Increase the Stations’ international teaching and learning profile.
- Increase UQ and Science recruitment.

**LEARNING**

<table>
<thead>
<tr>
<th>Facility</th>
<th>Actions</th>
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<tbody>
<tr>
<td>Moreton Bay Research Station</td>
<td>Support the expansion of highly sort after infrastructure to develop growth</td>
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<tr>
<td></td>
<td>Support indigenous education programs</td>
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<tr>
<td></td>
<td>Support courses that contain indigenous components as part the course curriculum</td>
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<tr>
<td>Heron Island Research Station</td>
<td>Provide a greater customer service experience, particularly through the investigation into the employment of an education officer</td>
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<tr>
<td></td>
<td>Develop novel mechanisms for data collection to enhance course learning materials</td>
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<td>Investigate accessibility to and from the Station</td>
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Both Moreton Bay Research Station and Heron Island Research Station provide unique platforms to conduct a wide variety of discovery activities. The Research Stations are a hub to access otherwise difficult locations while having the advantage of accommodation, amenities, laboratories and equipment readily available. The Research Stations attract users from a variety of disciplines, with a major focus on the environmental sciences and engineering.

In tandem with learning activities, the Research Stations must be able to provide a safe, productive and efficient environment to conduct a broad range of advanced field work. The Research Stations aim to provide mechanisms to encourage and support collaboration, development and expansion of research activities and disciplines. In order to achieve this, the Research Stations must have a broad focus to ensure support is provided to a diverse range of research fields and that the facilities are equipped to maximise research outcomes at the highest standard.

The Research Station's ambition is to provide a well-equipped facility to conduct internationally recognised and collaborative field research.
**DISCOVERY**

**STRATEGY**
- Support the development and advancement of UQ disciplines
- Increase the quality, quantity and diversity of field research
- Increase the Station’s international research profile
- Attract high quality researchers to UQ Science
- Increase collaborations between UQ and other institutions

**ACTION**
- Provide first class facilities and equipment that meets the needs of multiple research fields
- Provide first class service to facilitate research in a safe, productive and efficient manner
- Promote relevant UQ research opportunities onsite and during Research Station events
- Develop and promote Research Station and industry based research scholarships for early career researchers
- Assist users to access and utilise facilities and equipment through increased transparency in policies and procedures
- Support innovative and collaborative research practices
- Undertake strategic acquisition of research equipment that has the greatest impact to advancing research fields
- Support and promote institutional research collaborations

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**DISCOVERY**

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<td>Support indigenous research and training programs</td>
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<tr>
<td>Heron Island Research Station</td>
<td>Improve the infrastructure of the seawater intake system to improve water quality parameters to conduct accurate and meaningful in situ research</td>
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</tbody>
</table>
Key to the Research Stations success as leading facilities to conduct field courses and research is communication and engagement with the current and future stakeholders, with a particular emphasis on the UQ community. The Research Station must continue to build a collaborative and engaged culture with researchers and teaching coordinators to establish the Research Stations as destinations to conduct world class, enriching and unique learning and discovery activities.

The Research Stations also aim to assist in the marketing and communication of UQ science disciplines. This will be achieved by developing the Research Stations as flagships and promotional devices for UQ science programs and research activities to assist in engaging with prospective students, researchers, industry partners and alumni.

The Research Stations ambition is to positively influence the current and future users of the facilities. The engagement objectives focus on achieving this ambition, while acknowledging the challenges of building and sustaining relationships with a diverse group of stakeholders.
### ENGAGEMENT

#### STRATEGY
- Increase Station internal engagement with the UQ academic community
- Build further partnerships with government, industry and other institutions
- Increase the visible profile for domestic and international teaching and research
- Assist in the development and recruitment of UQ disciplines
- Enhance UQ and Faculty of Science’s tools for engagement and outreach

#### ACTION
- Increase Research Station communication with the academic community
- Increase the Research Station presence and visibility through UQ engagement events and at relevant conferences
- Provide first class service to facilitate all activities in a safe, productive and efficient manner
- Further develop user-friendly interfaces to increase usability and transparency of operations
- Promote relevant UQ courses and research opportunities
- Promote existing collaborations and future collaborative opportunities
- Develop and promote Research Station and industry based research scholarships for early career researchers
- Collaborate and align efforts with Faculty of Science Engagement

#### ENGAGEMENT

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<tr>
<td>Moreton Bay Research Station</td>
<td>Promote and continue to perform the MBRS Open Days for the local community</td>
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<td>Promote and continue to perform the Mad Science program for community children</td>
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<td></td>
<td>Continue to provide a community research scholarship to UQ early career researchers at MBRS</td>
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<tr>
<td>Heron Island Research Station</td>
<td>Promote and deliver HIRS Science Week for visiting educational groups and resort guests</td>
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<td>Increase involvement with Gladstone community events</td>
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<td>Advertise the facility at Gladstone airport and/or marina</td>
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<tr>
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<td>Increase tools for collection of promotional material by staff, in particular through the investigation for the employment of an education officer position</td>
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MORETON BAY RESEARCH STATION

- 89 thousand dollars received
- 100 refereed journal articles published in last 5 years, 6 in journals with an impact factor >5
- 3 major research agreements

FAST FACTS

- 476 researchers visited
- 56 institutions represented
- 2232 visitors to the research station
- 5 scholarships offered

HERON ISLAND RESEARCH STATION

- 89 thousand dollars received
- 202 refereed journal articles published in last 5 years, 6 achieving an impact >10
- 5 major research agreements
- 5012 visitors to the research station
- 3511 secondary and tertiary students visited
- 95 institutions represented
- 8 scholarships offered

- 1644 secondary and tertiary students visited
- 348 researchers visited
- 250 thousand dollars received