



Riparian monitoring and rehabilitation planning

About

How does Townsville identify riparian sites most in need of rehabilitation, and how can we track the comparative progress of sites after intervention?

The 'Riparian monitoring and rehabilitation planning' project will provide rigorous and consistent condition assessments of riparian vegetation along key waterways of Townsville: the Bohle River, Stuart Creek, and Alligator Creek.

The project will engage landholders, community groups, and Traditional Owners, and conduct risk assessments to identify the willingness and capacity of partners to participate on-ground works such as weed control and revegetation.

A summary and recommendations report will be made available to help local leaders and community groups select sites for attention and investment.

Assessments will also fill an important information gap in the Townsville Dry Tropics Waterways Report Card – adding on-ground site assessment data to ground-truth satellite data on vegetation health.

Methods used for assessments conducted by this project are supported by the technical expertise behind the Dry Tropics Partnership for Healthy Waters and NRM Regions Queensland.

Project outcomes

- On-ground assessment of 20 riparian sites on 3 rivers: Bohle River, Stuart and Alligator Creeks.
- Standardised riparian assessments. Consultation with landowners, community, and Traditional Owners.
- Increased understanding of likelihood of long-term success for riparian rehabilitation.
- Information to guide future management and community-led action.

PROJECT NAME: Riparian monitoring and rehabilitation planning - a long-term management strategy for healthy waterways

PROJECT LEADER: Shakira Todd, Wildlife Surrounds.

COLLABORATORS: James Cook University, NRM Regions Queensland.

