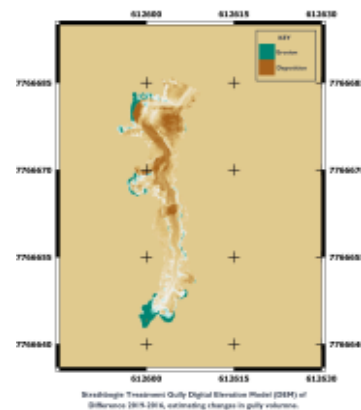


Demonstration and evaluation of gully remediation on downstream water quality and agricultural production in GBR rangelands - data collection (NESP TWQ 2.1.4, CSIRO)



[Metadata](#) | [Metadata \(XML\)](#)

| [Visualization service URL \(WMS\) \(\)](#) | [Visualization service URL \(WMS\) \(\)](#)

Title	Demonstration and evaluation of gully remediation on downstream water quality and agricultural production in GBR rangelands - data collection (NESP TWQ 2.1.4, CSIRO)
Date	2019-08-22
Date type	Publication
Abstract	<p>Five paired Control/Treatment gully sites on commercial grazing properties in the Upper Burdekin and Bowen catchments are being monitored as part of NESP Project 2.1.4 (Demonstration and evaluation of gully remediation on downstream water quality and agricultural production in GBR rangelands) (Bartley et al., 2018).</p> <p>The key question being asked is: "Is there measurable improvement in the erosion and water quality leaving remediated gully sites compared to sites left untreated?" The monitoring approach uses a modified BACI (Before after control impact) design.</p> <p>This record acts as an aggregation point for the datasets produced by NESP TWQ Project 2.1.4. for Gully Remediation at sites Meadowvale, Virginia Park, Strathbogie, Minnievale and Mt Wickham Station. These sites are located in the Burdekin Region of Queensland. The time series established in this project is being extended by NESP TWQ Project 5.9. Updated versions of this dataset will be linked to from this record when they become available.</p> <p>There are two sites in the Upper Burdekin sites (Virginia Park and Meadowvale) which capitalize on previous research investments looking at rangeland management and water quality response. The Bogie (Strathbogie) and Don (Minnievale) sites are Reef Trust 2 partnership projects. Mt Wickham is a new site that is part of the Burdekin Landholders Driving Change (LDC) project.</p> <p>Each contributing datasets has been described in specific dataset records linked as child records. Datasets include Key Localities, Loads Runoff, Site Configuration and survey types, TLS Scans and Analysis, Vegetation Survey, Water Quality survey. The data can be downloaded from each of the child records.</p>
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Character set	UTF8
Hierarchy level	Dataset
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Point of contact

Individual name	Bartley, Rebecca Dr
Organisation name	CSIRO Land and Water
Role	Point of contact
Topic category	Biota

Extent

Description	Queensland Australia
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Character set	UTF8

Metadata author

Individual name	eAtlas Data Manager
Organisation name	Australian Institute of Marine Science (AIMS)
Role	metadataContact

