Title

Bellinger River Health Program 2017-2022: DPE Science, Water Quality and

Macroinvertebrate data

Abstract

In response to the strong community interest in the Bellinger River turtle population, and a publicly perceived link between turtle mortality and poor water quality, a citizen science program was developed in 2017. This is now known as Bellingen Riverwatch, a high resolution, long-term community led water quality monitoring program, covering the Bellinger and Kalang rivers and their tributaries. Initial discussions with stakeholders identified a strong community interest and investment in river health. It was also identified that, in order to maximise the effectiveness of information collected by the community, a concurrent scientific monitoring program be developed to provide quality assurance and to utilise the community data when reporting. In support of Riverwatch the government-based Bellinger River Health Program (BRHP) was commenced in 2017 by the Estuaries and Catchments Team in the Water, Wetlands and Coasts Science Branch in the Environment, Energy and Science Division of DPIE. (formerly OEH). This dataset is the water quality and aquatic macroinvertebrate data collected for the BRHP by the DPIE Estuaries and Catchments Team. It includes the water quality data collected for the program between autumn 2017 and autumn 2022 and macroinvertebrate data collected from autumn 2018 to autumn 2022. While there were macroinvertebrate samples collected in 2017 quality control and assurance analysis unfortunately led to removal of these samples from the data set.

Resource locator

Data Quality Statement Name: Data Quality Statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data quality statement for Bellinger River Health Program 2017-2020: DPIE Science

Water quality and Macroinvertebrate data

Function: download

DPE Science -Bellinger River Health Program Water quality and macroinvertebrate Name: DPE Science - Bellinger River Health Program Water quality and

macroinvertebrate data - update 2017-2022

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

macroinvertebra data - update 2017-2022

Data collected for the Bellinger River Health Program by the Estuaries and Catchments Team for 2017 to 2022. Includes water quality and macroinvertebrate data and field habitat data for sites sampled in the Bellinger River catchment - update of previous dataset including new results form spring 2020 to autumn 2022.

Function: download

DPIE Science_BRHP_WQ Name: DPIE Science_BRHP_WQ and Bug Data_2018-2020

and Bug Data_2018-2020 Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Bellingen Riverwatch Health Project Data 2018-2020

Function: download

DPIE Science
BRHP spatial data

Name: DPIE Science BRHP spatial data

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Shapefile download package

Function: download

Unique resource identifier

Code 98be08e2-1bf6-4415-8479-9258a9cf862b

Presentation documentDigital

form		
Edition	2	
Dataset language	eng	
Metadata standard		
Name	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata	
Version	1.1	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/98be08e2-1bf6-4415-8479-9258a9cf862b	
Purpose	The purpose of this data is to provide information of water quality and macroinvertebrate communities in the Bellinger River and its tributaries. It allows for an assessment of river health through scientifically collected and laboratory analysed water quality and macroinvertebrate samples which can be used for comparison to samples collected by citizen scientists in Bellingen Riverwatch.	
Status	completed	
Spatial reference system		
Authority code	GDA94 Geographic (Lat\Long)	
Code identifying the spatial reference system	4283	
Topic category		

Keyword set			
keyword value	WATER-Quality		
	WATER-Rivers		
Originating controlled vocabulary			
Title	ANZLIC Search Words		
Reference date	2008-05-16		
Geographic location			
West bounding longitude	152.3		
East bounding longitude	153.2		
North bounding latitude	-30.7		
South bounding latitude	-30.2		
NSW Place Name	Bellingen		
Vertical extent information			
Minimum value	-100		
Maximum value	2228		
Coordinate reference system			
Authority code	urn:ogc:def:cs:EPSG::		
Code identifying the coordinate reference system	5711		
Temporal extent			
Begin position	2017-05-01		
End position	N/A		
Dataset reference date			
Date type	revision		
Effective date	2023-10-04		
Resource maintenance			
Maintenance and update frequency	None		
Contact info			
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water		
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Responsible party role	pointOfContact		

Limitations on public access

Scope dataset

Responsible party

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Responsible party role distributor

Metadata date 2021-06-08

Metadata language eng