

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 Bellinger 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	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Bellinger River Health Program 2017-2020: DPIE Science Water quality and Macroinvertebrate data</p> <p>Function: download</p>
DPE Science - Bellinger River Health Program Water quality and macroinvertebrate data - update 2017-2022	<p>Name: DPE Science - Bellinger River Health Program Water quality and macroinvertebrate data - update 2017-2022</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>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.</p> <p>Function: download</p>
DPIE Science BRHP WQ and Bug Data 2018-2020	<p>Name: DPIE Science_BRHP_WQ and Bug Data_2018-2020</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Bellinger Riverwatch Health Project Data 2018-2020</p> <p>Function: download</p>
DPIE Science BRHP spatial data	<p>Name: DPIE Science BRHP spatial data</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Shapefile download package</p> <p>Function: download</p>

Unique resource identifier	
Code	98be08e2-1bf6-4415-8479-9258a9cf862b

Presentation	Document digital
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form	
Edition	2
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
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 Bellinger Riverwatch.
Status	Completed
Spatial representation type	None
Spatial reference system	
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	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact
Limitations on public access	

Responsible party

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Metadata date 2024-02-26T13:38:59.697116

Metadata language