

## NSW Blue Carbon in watersheds of Instream Barriers

ANZLIC Metadata Element	Fields
Title	NSW Blue Carbon in watersheds of Instream Barriers
File Identifier	
Abstract	<p>Wetland drainage and flood mitigation works have had a profound influence on hydrology, especially hydroperiod and tidal exchange across coastal NSW.</p> <p>Barriers or instream artificial tidal impediments that may limit blue carbon opportunities were selected from the NSW Government Fish Passage Dataset. This dataset indicates the location of in stream structures or barriers that may influence tidal exchange across NSW. This dataset was provided by the Department of Primary Industries: Fisheries. Some manipulation of data was necessary due to geospatial errors in the position of some tidal barriers. A 1 km buffer was identified at each tidal limit, and barriers within this buffer were considered to serve as a tidal impediment. Expert opinion from NSW Government Department of Primary Industries Fisheries officers verified the position of tidal barriers and their effectiveness as a tidal impediment.</p>
Purpose	<p>This project – A Coastal Wetland Restoration First Pass Prioritisation for Blue Carbon and Co-benefits in NSW was funded by the NSW Government under Initiative 2 of the Marine Estate Management Strategy 2018 – 2028 (MEMS): ‘delivering healthy coastal habitats with sustainable use and development’ (NSW Government, 2018). This output will help achieve the NSW Government’s broad vision for the NSW marine estate: A healthy coast and sea, managed for the greatest wellbeing of the community, now and into the future. It will also inform delivery of other MEMS actions and initiatives, in particular, the development of estuary specific marine vegetation strategies and prioritisation and undertaking of on ground coastal wetland rehabilitation projects that could involve the restoration of natural hydrology.</p>
Contact	fisheries.data@dpi.nsw.gov.au
Jurisdictions	
Geographic Bounding Box	<p>West: 220545.82            North: 6884024.73            South: 5889197.97            East: 557376.28</p>

Lineage	<p>Lal, K.K. and Rogers, K. 2021. A Coastal Wetland Restoration First Pass Prioritisation for Blue Carbon and Co-benefits in NSW. Report. NSW DPI Fisheries.</p> <p>Parent datasets: Barriers to fish passage, Tidal limits</p>
Extent	<p>West: 220545.82  North: 6884024.73  South: 5889197.97  East: 557376.28</p>
Distribution Format	Vector, Raster
Keyword	Blue Carbon, Estuaries, Mangrove, Saltmarsh, Watersheds, Instream, Barriers
Maintenance And Update Frequency	Regarded as Complete, no updates planned
Use Limitation	Creative Commons
Legal Constraints	None
Resolution	
DQ Completeness	
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