

Title	Threatened migratory shorebird habitat mapping
Alternative title(s)	Shorebird habitat mapping
Abstract	<p>Important feeding habitats and roosting sites for seven species of migratory shorebirds (waders) were plotted on GIS software using air photos as templates. The species are Sanderling, Great Knot, Greater Sand Plover, Lesser Sand Plover, Broad-billed Sandpiper, Black-tailed Godwit and Terek Sandpiper. Data for this process was obtained from a variety of sources to provide numbers of birds recorded at each of the sites. The habitat mapping was done from first hand experience in the field by the author and/or from local ornithologists with particular skills in shorebird identification and local knowledge of habitats used by shorebirds. The accuracy of the data plotted will not always match the topography, such as shoals, sand spits or shorelines because these are constantly changing (and the air photos used are now 20 years old). As far as it is known, this is the most precise shorebird mapping available for this larger area.</p>
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 Threatened migratory shorebird habitat mapping</p> <p>Function: download</p>
Download Package	<p>Name: Download Package</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data (Shapefile) and Report (PDF)</p> <p>Function: download</p>
Unique resource identifier	
Code	3c9cd5b4-34b2-4f6f-9d28-3ebd1953be7c
Presentation form	Map digital
Edition	06/08/1990
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/3c9cd5b4-34b2-4f6f-9d28-3ebd1953be7c
Purpose	Species conservation and management
Status	Completed
Spatial representation	
Type	vector
Geometric	

Object Type complex

Geometric
Object Count 13

Spatial reference system

Code
identifying the
spatial
reference
system 4283

Spatial
resolution 10 m

Topic category

Keyword set	
keyword value	ECOLOGY-Habitat
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	150.105071
East bounding longitude	153.609951
North bounding latitude	-36.218461
South bounding latitude	-28.168623
NSW Place Name	NSW Coast
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	2006-05-01
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

Lineage

All existing data on shorebird distribution (foraging and roosting records) held by bird groups, specialists and The Atlas of NSW Wildlife (now Bionet) were reviewed and updated where information was available and checked for inaccuracies. Data was also updated where required as a result of changes to estuarine habitats through the use of aerial photography. Where necessary face to face meetings were arranged with relevant people to obtain input from other shorebird specialists, failing this communication was by phone or email. Digitised air photos provided by DEC were used to map all known shorebird foraging habitat and roost sites along the NSW coast, noting habitat utilised by threatened migratory shorebirds, specifically Sanderling, Great Knot, Greater Sand Plover, Lesser Sand Plover, Broad-billed Sandpiper, Black-tailed Godwit and Terek Sandpiper.

This spatial data layer was created by a consultant with limited skill in GIS. As a result the polygons required tidying up.

Limitations on public access

Responsible party

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
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Metadata date 2024-02-26T13:51:20.757874

Metadata language