

**Technical Specifications for the  
Indigenous Carbon Industry Networks  
“Indigenous Rights and Interests (carbon and nature repair)(ICIN 2023) Dataset”**  
V1. February 2024.

**Map name:** Indigenous Rights and Interests (carbon and nature repair) (ICIN 2023)

**Abstract:** The Indigenous Rights and Interests (carbon and nature repair) (ICIN 2023) Dataset is a continental wide spatial dataset that identifies the legally recognised Indigenous rights and interests that give rise to rights under the Australian Governments ACCU Scheme (and future Nature Repair Market) (land and sea). The dataset developed was based primarily on publicly available spatial datasets, complemented by numerous private information sources. The analysis was undertaken at the continental scale, using a systematic, objective process to define the Indigenous estate. It is acknowledged that there may be some errors, and that Indigenous land and sea interests are broader than what is presented in the maps/dataset.

**Keywords:** Indigenous, legal right, consent right, ACCU Scheme, Nature Repair, carbon

**Format:** Raster

Coordinate Reference System (CRS)

Name EPSG:3577 - GDA94 / Australian Albers

Units meters

Method Albers Equal Area

Celestial body Earth

Reference Static (relies on a datum which is plate-fixed)

**Date Compiled:** The dataset was compiled in October 2023. This is the second version of this dataset, with the first version published by ICIN in 2022 (Report available at: [https://www.icin.org.au/resource\\_files](https://www.icin.org.au/resource_files) The 2022 spatial data available on request).

**Data:** The ICIN 2023 spatial data is available to view on the Seamap Australia website. Access to the ICIN 2023 raster file is by request to ICIN: [ceo@icin.org.au](mailto:ceo@icin.org.au)

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**Citation/Acknowledgement:** Indigenous Rights and Interests (carbon and nature repair) (ICIN 2023) Indigenous Carbon Industry Network, Darwin, Australia.

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**Spatial and temporal extent:** Extent -1887555.1962999999523163,-4846945.9078000001609325 : 2122044.8037000000476837,-1007345.9078000001609325

Time series: Variable across the input datasets, ranging from 2000 to October 2023.

**Properties:** Extent Width 40096, Height 38396, Data type Int16 – Sixteen-bit signed integer, GDAL Driver Description GTiff, GDAL Driver Metadata GeoTIFF

**Methodology – dataset development**

Steps:

- 1) Extract individual datasets as described in Table 2.
- 2) Attribute polygons using hierarchy described in Table 2, and Classification system in Table 1.
- 3) Rasterise vector data to common grid system
- 4) Mosaic grids in order of hierarchy

<b>Class</b>	<b>Applicable tenure or interest</b>	<b>Class_Description</b>
<b>1 - Legal Right</b>	Exclusive possession native title, and Indigenous owned land (including jointly managed parks with underlying indigenous tenure) or land held by others for Indigenous purposes	Indigenous people hold the legal right to undertake the carbon project or are likely to be able to obtain the legal right (this could include shared legal right). Indigenous people are also likely to hold an Eligible Interest according to the ACCU Scheme.
<b>2 - EIH Consent</b>	Non-exclusive possession native title	Indigenous people are an Eligible Interest Holder under the ACCU Scheme.
<b>3 - EIH or Agreement</b>	Joint/co-managed parks where indigenous people do not own the underlying tenure	For this Class, legal right to undertake a project might be established but should not be assumed, as is the case for EIH consent rights. Some other formal agreement may be required. Park specific.
<b>4 - Agreement. Management responsibilities</b>	Sea Country Indigenous Protected Areas	Indigenous management responsibilities recognised by Commonwealth via declared community led Protected Areas, although these are not legally recognised rights (legal or consent rights) under the ACCU Scheme, hence some other formal agreement may be required.
<b>5 - Agreement. Determined (no native title)</b>	Native Title Determination made, determined to either be 'extinguished' or 'does not exist'.	This Class consists of areas where Indigenous peoples' rights are currently not formally recognised under the ACCU Scheme through native title, however rights may exist via other mechanisms (i.e. Indigenous Land Use Agreements).
<b>6 - Agreement. Pending Native Title</b>	Pending native title claims that have been accepted for registration.	Indigenous people have future/emerging rights that may give rise to a legal right or eligible interest in the future, or position them to negotiate certain rights or benefits from a carbon project.
<b>7 - Agreement. Other</b>	Other – all remaining areas	This Class consists of areas where Indigenous peoples' rights in regards to carbon projects are currently not formally recognised in law/formal agreements (at least not in via publicly available information).

Table 1: Classification system used to describe Indigenous rights and interests in carbon and nature repair (ICIN 2023)

Class	Class_ID	Source_ID	Label	Source type	Source Agency	Date Digitised	Data location	Data Licence	Data acknowledgement
Class 1 - Legal Right	100	100	Class 1 - Legal Right	Legal Right					
Class 1 - Legal Right	100	101	Class 1 - Legal Right: (101) Native Title (Exclusive possession) (NNTT Oct 2023)	Native Title (Exclusive possession) (NNTT Oct 2023)	Nonlocal Native Title Tribunal	18/10/2023	<a href="http://www.nntt.gov.au/assistance/geospatial/figures/download.aspx">http://www.nntt.gov.au/assistance/geospatial/figures/download.aspx</a>	Creative Commons Attribution 4.0 International license.	National Native Title Tribunal (NNTT), 'Native Title Determination Outcomes'
Class 1 - Legal Right	100	110	Class 1 - Legal Right: (110) Indigenous owned and managed (ABARES 2020)	Indigenous owned and managed (ABARES 2020)	ABARES 2020	9/09/2021	<a href="https://www.agriculture.gov.au/abares/forestaustralia/forest-data-map-and-toolkit/spatial-data/indigenous-forest">https://www.agriculture.gov.au/abares/forestaustralia/forest-data-map-and-toolkit/spatial-data/indigenous-forest</a>	Creative Commons by Attribution 4.0 International (CC BY 4.0)	Australian Government Department of Agriculture, Water and the Environment – Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES). Note - ABARES 2020 aggregates many datasets.
Class 1 - Legal Right	100	111	Class 1 - Legal Right: (111) Indigenous owned and managed and other special rights (ABARES 2020)	Indigenous owned and managed and other special rights (ABARES 2020)	ABARES 2020				
Class 1 - Legal Right	100	112	Class 1 - Legal Right: (112) Indigenous owned and co-managed (ABARES 2020)	Indigenous owned and co-managed (ABARES 2020)	ABARES 2020				
Class 1 - Legal Right	100	113	Class 1 - Legal Right: (113) Indigenous owned and co-managed and other special rights (ABARES 2020)	Indigenous owned and co-managed and other special rights (ABARES 2020)	ABARES 2020				
Class 1 - Legal Right	100	114	Class 1 - Legal Right: (114) Indigenous managed (ABARES 2020)	Indigenous managed (ABARES 2020)	ABARES 2020				
Class 1 - Legal Right	100	115	Class 1 - Legal Right: (115) Indigenous managed and other special rights (ABARES 2020)	Indigenous managed and other special rights (ABARES 2020)	ABARES 2020				
Class 1 - Legal Right	100	120	Class 1 - Legal Right: (120) Indigenous land interests - QLD (QLD DOR 2021)	Indigenous land interests - QLD (QLD DOR 2021)	QLD Dept. of Resources 2021	7/10/2021	Q spatial website "Indigenous Land Interests Queensland" - <a href="https://ddp.spatial.information.qld.gov.au/satellite/custom/search.page?rs=spey">https://ddp.spatial.information.qld.gov.au/satellite/custom/search.page?rs=spey</a>	Creative Commons Attribution 4.0 International License	State of Queensland (Department of Resources) 2021
Class 1 - Legal Right	100	121	Class 1 - Legal Right: (121) Indigenous owned Emission Reduction Fund (ERF) projects	Indigenous owned Emission Reduction Fund (ERF) projects	EDR 2020 / ICIN	18/10/2023	<a href="https://data.gov.au/dataset/erf_projects_mapping">https://data.gov.au/dataset/erf_projects_mapping</a>	Creative Commons Attribution 3.0 Australia	Class Energy Regulator. Note - file modified by ICIN (qld file available on request)
Class 1 - Legal Right	100	122	Class 1 - Legal Right: (122) Indigenous managed terrestrial Parks (IA) (CAPAD 2020)	Indigenous managed terrestrial Parks (IA) (CAPAD 2020)	CAPAD 2020 / ICIN	5/10/2021	<a href="http://www.environment.gov.au/feeds/catalog/search/resources/details.page?uid=3f8448c4cd-9048-1101-48f8-b499d57c7d7d">http://www.environment.gov.au/feeds/catalog/search/resources/details.page?uid=3f8448c4cd-9048-1101-48f8-b499d57c7d7d</a>	Creative Commons Attribution 3.0 Australia License.	Collaborative Australian Protected Areas Database (CAPAD) 2020, Commonwealth of Australia 2021. Note - file modified by ICIN (ldged to South Australia only) (qld file available on request)
Class 1 - Legal Right	100	123	Class 1 - Legal Right: (123) Other Indigenous field land or land held by government for Indigenous purposes (ILSC 2000)	Other Indigenous field land or land held by government for Indigenous purposes (ILSC 2000)	Indigenous Land and Sea Corporation 2000	20/09/2021	Provided via email.	ILSC - ICIN data agreement	Indigenous Land and Sea Corporation 2000
Class 2 - EIH Consent	200	200	Class 2 - EIH Consent	EIH consent					
Class 2 - EIH Consent	200	205	Class 2 - EIH Consent: (205) Native Title (Non-exclusive possession) (NNTT Oct 2023)	Native Title (Non-exclusive possession) (NNTT Oct 2023)	National Native Title Tribunal	18/10/2023	<a href="http://www.nntt.gov.au/assistance/Geospatial/Papers/DataDownload.aspx">http://www.nntt.gov.au/assistance/Geospatial/Papers/DataDownload.aspx</a>	Creative Commons Attribution 4.0 International license.	National Native Title Tribunal (NNTT), 'Native Title Determination Outcomes'
Class 3 - EIH or Agreement	300	300	Class 3 - EIH or Agreement	EIH or Agreement					
Class 3 - EIH or Agreement	300	310	Class 3 - EIH or Agreement: (310) Indigenous co-managed (ABARES 2020)	Indigenous co-managed (ABARES 2020)	ABARES 2020	9/09/2021	<a href="https://www.agriculture.gov.au/abares/forestaustralia/forest-data-map-and-toolkit/spatial-data/indigenous-forest">https://www.agriculture.gov.au/abares/forestaustralia/forest-data-map-and-toolkit/spatial-data/indigenous-forest</a>	Creative Commons by Attribution 4.0 International (CC BY 4.0)	Australian Government Department of Agriculture, Water and the Environment – Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES). Note - ABARES 2020 aggregates many datasets.
Class 3 - EIH or Agreement	300	311	Class 3 - EIH or Agreement: (311) Indigenous co-managed and other special rights (ABARES 2020)	Indigenous co-managed and other special rights (ABARES 2020)	ABARES 2020				
Class 3 - EIH or Agreement	300	320	Class 3 - EIH or Agreement: (320) Jointly managed Parks (CAPAD 2022 Terrestrial)	Jointly managed Parks (CAPAD 2022 Terrestrial)	CAPAD 2022 / ICIN	18/10/2023	<a href="https://fed.data.gov.au/datasets/erin-collaborative-australian-protected-areas-database-cavad-2022-terrestrial/explorer">https://fed.data.gov.au/datasets/erin-collaborative-australian-protected-areas-database-cavad-2022-terrestrial/explorer</a>	CC BY 4.0 Deed Attribution 4.0 International <a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>	Collaborative Australian Protected Areas Database (CAPAD) 2022, Commonwealth of Australia 2023. Only displaying tenure where Governance ID is 'Jointly Managed'.
Class 3 - EIH or Agreement	300	321	Class 3 - EIH or Agreement: (321) Jointly managed Parks (CAPAD 2022 Marine)	Jointly managed Parks (CAPAD 2022 Marine)	CAPAD 2022 / ICIN	18/10/2023	<a href="https://fed.data.gov.au/datasets/erin-collaborative-australian-protected-areas-database-cavad-2022-marine/resourcel">https://fed.data.gov.au/datasets/erin-collaborative-australian-protected-areas-database-cavad-2022-marine/resourcel</a>	CC BY 4.0 Deed Attribution 4.0 International <a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>	Collaborative Australian Protected Areas Database (CAPAD) 2022, Commonwealth of Australia 2023. Only displaying tenure where Governance ID is 'Jointly Managed'.
Class 4 - Management Responsibility	400	400	Class 4 - Management Responsibility	Management Responsibility					
Class 4 - Management Responsibility	400	401	Class 4 - Management Responsibility: (401) Community Managed Parks (Indigenous Protected Areas) (CAPAD 2022 Marine)	Community Managed Parks (Indigenous Protected Areas) (CAPAD 2022 Marine)	CAPAD 2022 / ICIN	18/10/2023	<a href="https://fed.data.gov.au/datasets/erin-collaborative-australian-protected-areas-database-cavad-2022-marine/resourcel">https://fed.data.gov.au/datasets/erin-collaborative-australian-protected-areas-database-cavad-2022-marine/resourcel</a>	CC BY 4.0 Deed Attribution 4.0 International <a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>	Collaborative Australian Protected Areas Database (CAPAD) 2022, Commonwealth of Australia 2023. Only displaying tenure where Governance ID is 'Community'.
Class 5 - Determined (no native title)	500	500	Class 5 - Determined (no native title)	Determined (no native title)					
Class 5 - Determined (no native title)	500	501	Class 5 - Determined (no native title): (501) Native Title (Determined to be extinguished or does not exist) (NNTT Oct 2023)	Native Title (Determined to be extinguished or does not exist) (NNTT Oct 2023)	National Native Title Tribunal	18/10/2023	<a href="http://www.nntt.gov.au/assistance/Geospatial/Papers/DataDownload.aspx">http://www.nntt.gov.au/assistance/Geospatial/Papers/DataDownload.aspx</a>	Creative Commons Attribution 4.0 International license.	National Native Title Tribunal (NNTT), 'Native Title Determination Outcomes'
Class 6 - Pending Native Title	600	600	Class 6 - Pending Native Title	Pending Native Title					
Class 6 - Pending Native Title	600	601	Class 6 - Pending Native Title: (601) Native Title (Pending - claim accepted for registration) (NNTT Oct 2023)	Native Title (Pending - claim accepted for registration) (NNTT Oct 2023)	National Native Title Tribunal	18/10/2023	<a href="http://www.nntt.gov.au/assistance/Geospatial/Papers/DataDownload.aspx">http://www.nntt.gov.au/assistance/Geospatial/Papers/DataDownload.aspx</a>	Creative Commons Attribution 4.0 International license.	National Native Title Tribunal (NNTT), 'Register of Native Title Claims'
Class 7 - Other	700	700	Class 7 - Other	Other					
Class 7 - Other	700	701	Class 7 - Other: (701) Indigenous rights may exist, but not legally recognised in above Classes	Indigenous rights may exist, but not legally recognised in above Classes	All remaining pixels				

Table 2: Input data and hierarchy used to classify Indigenous rights and interests (table also available as excel file)