



Your ref: SSI-72887208

Our ref: DOC24-529303

Julia Green  
Senior Environmental Assessment Officer  
Department of Planning, Housing and Infrastructure – NSW Planning Group  
Via Major Projects Portal: PAE-72924209

Dear Julia

**Subject: Request for Secretary's Environmental Assessment Requirements – Victoria to NSW Interconnector West (SSI-72887208)**

Thank you for your email dated 4 July 2024 seeking advice from the Biodiversity, Conservation and Science Group (BCS) of the NSW Department of Climate Change, Energy, the Environment and Water about the Secretary's Environmental Assessment Requirements (SEARs) for the preparation of an Environmental Impact Statement (EIS) for this project. Please note that this response represents the combined advice of BCS and the NSW National Parks and Wildlife Services (NPWS).

BCS and NPWS have reviewed the information supplied. The relevant documents reviewed are:

- Victoria to New South Wales Interconnector West (VNI West) (NSW) Scoping Report, May 2024
- Victoria to New South Wales Interconnector (West) Preliminary Biodiversity Assessment, WSP May 2024

We provide SEARs for the proposed development in **Attachment A**. Guidance material is listed in **Attachment B**.

BCS recommends that the EIS appropriately address the following:

1. Biodiversity
2. Flood Risk Management
3. Lands managed by the NSW National Parks and Wildlife Service

The EIS should fully describe the proposal, the existing environment, and impacts of the development that may impact on flooding and biodiversity. It is important that all conclusions are supported by adequate data. The assessment must include all ancillary infrastructure associated with the project such as roads, water and power supplies, and Rural Fire Service requirements for asset protection.

Biodiversity

Minimum requirements for the biodiversity assessment are listed in Appendix K of the Biodiversity Assessment Method (BAM). The Accredited Assessor preparing the Biodiversity

Development Assessment Report (BDAR) should follow the BDAR template and submit all required digital and spatial data with the BDAR.

Given the proportion of land that has already been cleared in the surrounding region, the proponents must set out how impacts to biodiversity will be avoided and minimised. The cumulative impact of electricity generation in the surrounding region should be assessed through application of the Cumulative Impact Assessment Guidelines for State Significant Projects.

BCS notes that the Preliminary Biodiversity Assessment includes Plains-wanderer mapped important areas as a habitat constraint. BCS also encourages the avoidance of suitable Plains-wanderer habitat that is not on the important habitat map. For the portion of the project outside of the important mapped area, we recommend liaising with the Australian Government regarding survey requirements.

The Scoping Report has identified threatened ecological communities (TECs) under the *Biodiversity Conservation Act 2016* (BC Act) and *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) as present within the footprint and likely to be impacted by the proposed development, including:

- Weeping Myall Woodlands (endangered BC Act and EPBC Act)
- Natural Grasslands of the Murray Valley Plains (critically endangered EPBC Act).

For the EPBC Act TEC Natural Grasslands of the Murray Valley Plains, the BDAR must include a TEC equivalency assessment for each associated PCT and TEC based on floristic surveys and the Approved Conservation Listing Advice for each TEC.

BCS has previously provided Transgrid and their consultants with spatial data showing the locations of priority watering sites that BCS are managing for environmental outcomes. BCS requests that these sites be added to the biodiversity constraints listed in section 4 of the Preliminary Biodiversity Assessment.

There are aspects regarding the Scoping Report's information on Southern Bell Frog that will need to be addressed. BCS has provided Transgrid with spatial data records for the species and these records are to be used to inform areas that support Southern Bell Frog populations. The survey dates and site selection approach that are outlined in Table 2.6 and Section 2.6.3.2 may not be appropriate as the dry conditions in January and February are likely to result in an inaccurate and low representation of suitable habitat and distribution on the frog. Furthermore, the surveys that were completed were not entirely consistent with the methods in the NSW Survey Guide for Threatened Frogs. While aural-visual surveys can occur between October and January, acoustic recorders are only to be used between July and November. BCS expects the BDAR to only include surveys for the Southern Bell Frog that are consistent with the NSW Survey Guide for Threatened Frogs.

While the Scoping Report does not indicate that partial vegetation retention zones are proposed for the VNI West vegetation integrity assessment, BCS notes that this has been applied in recent SSI transmission projects. If partial vegetation retention is proposed, BCS expects an evidence-based justification for predicted outcomes of partial clearing, with any partial loss assessment method to be prepared in consultation with and to the satisfaction of BCS before the EIS is submitted. Noting that the nearby Project EnergyConnect (NSW-Eastern

Section) (SSI-9172452) applied partial loss, BCS expects the results of the post clearing assessments completed during and immediately after construction for that project to be used for the evidence-based justifications.

To meet BAM section 8.1.1, partial vegetation retention assessments must demonstrate that biodiversity values will be maintained and persist over the life of the project after the partial loss has occurred, with all data used to determine partial loss values included in the BDAR. The BDAR must also include details of how ongoing management will maintain vegetation integrity at an appropriate level where partial loss has been determined. This must consider ongoing degradation of native vegetation arising from the impact, including long-term changes to species composition. Partial loss is not to be considered where there is a potential for total loss to occur.

If micro-siting is proposed, the BDAR must include details on how micro-siting will be undertaken, including any assumptions and limitations that may affect predicted impacts. Areas subject to micro-siting must be identified in the BDAR and be surveyed. All native vegetation, threatened species, and their habitats within potential micro-siting areas must be considered impacted until designs are finalised.

The EIS should identify any relevant Matters of National Environmental Significance, and whether the proposal has been referred to the Australian Government or whether it is already determined to be a controlled action under the EPBC Act.

#### Flood Risk Management

The proposed corridor crosses numerous permanent and ephemeral watercourses. The floodplains of these systems are also expansive due to the flat topography and duration of flooding.

Hydrologic and hydraulic modelling completed as part of the EISs for nearby renewable energy major projects indicate that the flooding is significantly more expansive than presented in the Scoping Report.

In particular, the ephemeral systems associated with the Coleambally Outfall Drain have been shown to be fed from breakouts from the Murrumbidgee River (upstream from Darlington Point) and from Yanco Creek (upstream from Morundah) during major flood events as well as from local overland flow flooding that typically follow intense local rainfall events. As a result the flood risks and impacts associated with this flooding mechanism should be investigated in addition to the other identified major waterway systems.

The EIS should address the attached requirements for flood risk management and conduct flood modelling to appropriately locate infrastructure and assess impacts, including on waterway crossings for site access.

In addition, the continuous electricity supply is critical to emergency management including flood response and recovery in communities. The EIS should include a risk assessment of the impact of large to extreme floods (riverine and overland flow) up to the probable maximum flood (PMF) on the operation of electricity infrastructure development. This should include an assessment of the impact of flooding up to the PMF event on any proposed infrastructure critical to the continual supply of electricity, including the design and location of auxiliary components such as switchgear and sub-stations to enable continuous power supply.

## Lands managed by the NSW National Parks and Wildlife Services

The proposed development will likely affect land reserved (under Part 4) and acquired (Part 11) under the *National Parks and Wildlife Act 1974* (NPW Act). For land reserved this includes the Murray Valley National Park and South West Woodlands Nature Reserve (Steam Plains, Edgar and Puckawidgee Precincts). NPWS advises that lands represented as acquired under Part 11 of the NPW Act, are lands pending reservation (gazetted) under the Act, so they are afforded similar statutory consideration under the NPW Act. This will need to be recognised and considered as part of the EIS.

As the land manager, and park authority for the purposes of the NPW Act, NPWS requests that the recommendations listed below are included in the overall SEARs to ensure the EIS explicitly considers impacts to these lands. The EIS will need to adequately recognise these values and address all potential impacts (direct, indirect and cumulative) associated with the project on these values, along with any impacts to NPWS's ability to deliver on its statutory land management obligations.

If you have any questions about this advice, please contact Andrew Fisher, Senior Team Leader Planning, via [planning.southwest@environment.nsw.gov.au](mailto:planning.southwest@environment.nsw.gov.au) or 02 6022 0623.

Yours sincerely



Adam Vey  
17 July 2024

**Director South West**

**Biodiversity, Conservation and Science Group**

**NSW Department of Climate Change, Energy, the Environment and Water**

ATTACHMENT A – Recommended Environmental Assessment Requirements for Victoria to NSW Interconnector West (SSI-72887208)

ATTACHMENT B – Guidance material

## Attachment A      Recommended Environmental Assessment Requirements for Victoria to NSW Interconnector West (SSI-72887208)

Sources of guidance material for terms in [blue](#) are in Attachment B

| Biodiversity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <p>1. Biodiversity impacts related to the proposed development are to be assessed in accordance with <a href="#">Section 7.9 of the Biodiversity Conservation Act 2016</a> using the <a href="#">Biodiversity Assessment Method (BAM) 2020</a> and documented in a <a href="#">Biodiversity Development Assessment Report (BDAR)</a>. The BDAR must include information in the form detailed in the <a href="#">Biodiversity Conservation Act 2016 (s6.12)</a>, <a href="#">Biodiversity Conservation Regulation 2017 (s6.8)</a> and the BAM, unless it is determined that the proposed development is not likely to have any significant impact on biodiversity values.</p>                                                                                                                                                                                                            |
| <p>2. The BDAR must document the application of the avoid, minimise and offset framework including assessing all direct, indirect, uncertain and prescribed impacts in accordance with the BAM.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>3. The BDAR must include details of the measures proposed to address the offset obligation as follows;</p> <ul style="list-style-type: none"> <li>a. The total number and classes of biodiversity credits required to be retired for the development/project;</li> <li>b. The number and classes of like-for-like biodiversity credits proposed to be retired;</li> <li>c. The number and classes of biodiversity credits proposed to be retired in accordance with the variation rules;</li> <li>d. Any proposal to fund a <a href="#">biodiversity conservation action</a>;</li> <li>e. Any proposal to make a payment to the Biodiversity Conservation Fund.</li> </ul> <p>If seeking approval to use the variation rules, the BDAR must contain details of the <a href="#">reasonable steps</a> that have been taken to obtain requisite like-for-like biodiversity credits.</p> |
| <p>4. The BDAR must be submitted with all digital spatial data associated with the survey and assessment as per Appendix K of the BAM.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>5. The BDAR must be prepared by a person accredited in accordance with the <a href="#">Accreditation Scheme for the Application of the Biodiversity Assessment Method Order 2017</a> under s6.10 of the <i>Biodiversity Conservation Act 2016</i>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Flood Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <p>6. The EIS must map the following features relevant to flooding as described in the Flood Risk Management Manual: the policy and manual for flood liable land (NSW Government 2023) including:</p> <ul style="list-style-type: none"> <li>a. Flood prone land.</li> <li>b. Flood planning area, the area below the flood planning level.</li> <li>c. Hydraulic categorisation (floodways and flood storage areas).</li> <li>d. Flood hazard.</li> </ul>                                                                                                                                                                                                                                                                                                    |
| <p>7. The EIS must describe flood assessment and modelling undertaken in determining the design flood levels for events, including a minimum of the 5% Annual Exceedance Probability (AEP), 1% AEP flood levels and the probable maximum flood, or an equivalent extreme event.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p>8. The EIS must model the effect of the proposed development (including fill) on the flood behaviour under the following scenarios:</p> <ul style="list-style-type: none"> <li>a. Current flood behaviour for a range of design events as identified in 7 above. This includes the 0.5% and 0.2% AEP year flood events as proxies for assessing sensitivity to an increase in rainfall intensity of flood producing rainfall events due to climate change.</li> </ul>                                                                                                                                                                                                                                                                                      |
| <p>9. Modelling in the EIS must consider and document:</p> <ul style="list-style-type: none"> <li>a. Existing council flood studies in the area and examine consistency to the flood behaviour documented in these studies.</li> <li>b. The impact on existing flood behaviour for a full range of flood events including up to the probable maximum flood.</li> <li>c. Impacts of the development on flood behaviour resulting in detrimental changes in potential flood affection of other developments or land. This may include redirection of flow, flow velocities, flood levels, hazards and hydraulic categories.</li> <li>d. Relevant provisions of the Flood Risk Management Manual: the policy and manual for flood liable land (2023).</li> </ul> |
| <p>10. The EIS must assess the impacts on the proposed development on flood behaviour, including:</p> <ul style="list-style-type: none"> <li>a. Whether there will be detrimental increases in the potential flood affectation of other properties, assets and infrastructure.</li> <li>b. Consistency with Council Floodplain Risk Management Plans.</li> <li>c. Consistency with any Rural Floodplain Management Plans.</li> <li>d. Compatibility with the flood hazard of the land.</li> </ul>                                                                                                                                                                                                                                                             |

- e. Compatibility with the hydraulic functions of flow conveyance in floodways and storage in flood storage areas of the land.
- f. Whether there will be adverse effect to beneficial inundation of the floodplain environment, on, adjacent to or downstream of the site.
- g. Whether there will be direct or indirect increase in erosion, siltation, destruction of riparian vegetation or a reduction in the stability of river banks or watercourses.
- h. Any impacts the development may have upon existing community emergency management arrangements for flooding. These matters are to be discussed with the SES and Council.
- i. Whether the proposal incorporates specific measures to manage risk to life from flood. These matters are to be discussed with the SES and Council.
- j. Emergency management, evacuation and access, and contingency measures for the development considering the full range of flood risk (based upon the probable maximum flood or an equivalent extreme flood event). These matters are to be discussed with and have the support of Council and the SES.
- k. Any impacts the development may have on the social and economic costs to the community as consequence of flooding.

#### **National Parks and Wildlife Estate**

11. The EIS must identify and assess:
  - a. identify all lands reserved (Part 4) and acquired (Part 11) under the *National Parks and Wildlife Act 1974* via the [NSW National Parks and Wildlife Service \(NPWS\) All Managed Land / Dataset / SEED](#) affected by the VNI West.
  - b. assess the nature, extent and duration of all likely direct, indirect and cumulative impacts on NPWS estate forming part of, or proximate to, VNI West in accordance with matters outlined in [Developments adjacent to National Parks and Wildlife Service lands: guidelines for consent and planning authorities](#) (DPIE-NPWS, 2020). Overall impacts are to consider:
    - i. natural values (biodiversity and landscape), and the potential risks to threatened entities, loss of landscape level connectivity, floodplain hydrology, and increased edge effects, weed, pest animal and pathogen incursion.
    - ii. cultural values (Aboriginal, share and historic heritage).
    - iii. access (new, upgraded or realignments) for construction, connection and operations.
    - iv. increased risk of fire from, to VNI West on, or proximate to NPWS estate in the context of the reserve fire management strategies.

- v. visual, aesthetic and landscape level impacts to view lines, and night sky values as it relates to visitor precincts.
- vi. restrictions on NPWS land management functions such as flight operations and interference with radio communication systems (current and proposed).
- c. identify measures proposed to avoid, prevent, control, abate, minimise or manage likely direct, indirect and cumulative impacts on NPWS estate, including an evaluation of the effectiveness and reliability of the proposed measures.
- d. quantify any residual impacts, and risks to NPWS estate.
- e. specify any strategic offset package in relation to vesting of land under the NPW Act.
- f. prepared in consultation with NPWS Riverina Area email contact via [npws.riverina@environment.nsw.gov.au](mailto:npws.riverina@environment.nsw.gov.au), or phone: (02) 6966 8100.

12. Where VNI West assets, or easements encroach, on or occupy NPWS estate, either on a temporary or permanent basis, the EIS must:

- a. justify, with reference to the NPW Act, how VNI West is lawfully permissible on NPWS estate, remaining consistent with:
  - i. the objects of the NPW Act ([section 2A](#)), the management principles for a National Park (section 30E) or Nature Reserves ([section 30J](#)) and justifies meeting the public interest in the protection of the values (natural and cultural) for which land is reserved under the NPW Act, and the appropriate management of those lands ([section 2A\(3\)\(b\)](#)), and
  - ii. NPWS Policy, managing parks prior to a plan of management in the application of the Statements of Management Intent for Murray Valley National Park (Wetuppa Precinct) and South West Woodlands Nature Reserve (Steam Plains, Edgar and Puckawidgee Precincts), OR
  - iii. other legislation that overrides the NPW Act.
- b. outline how alternative options that have been explored that would avoid impacts to NPWS estate and justify any proposed encroachment or occupation as part of the VNI West proposal.
- c. clearly identify:
  - i. the area of NPWS estate to be temporarily occupied or utilised as part of VNI West, including any routes of access through, movement of plant, equipment or materials
  - ii. the area of NPWS estate to be permanently occupied or utilised as part of VNI West transmission Infrastructure, including ongoing access for future operations.

authorisation pathways to enable, support construction, future creation of easements and any other access authorisation required for NPWS estate.

## Attachment B      Guidance material

| Title                                                                                  | Web address                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Relevant Legislation</u></b>                                                     |                                                                                                                                                                                                                                                                                                                           |
| <i>Biodiversity Conservation Act 2016</i>                                              | <a href="http://www.legislation.nsw.gov.au/#/view/act/2016/63/full">www.legislation.nsw.gov.au/#/view/act/2016/63/full</a>                                                                                                                                                                                                |
| <i>Commonwealth Environment Protection and Biodiversity Conservation Act 1999</i>      | <a href="http://www.austlii.edu.au/au/legis/cth/consol_act/epabca1999588/">www.austlii.edu.au/au/legis/cth/consol_act/epabca1999588/</a>                                                                                                                                                                                  |
| <i>Environmental Planning and Assessment Act 1979</i>                                  | <a href="https://legislation.nsw.gov.au/view/html/inforce/current/act-1979-203">https://legislation.nsw.gov.au/view/html/inforce/current/act-1979-203</a>                                                                                                                                                                 |
| <i>National Parks and Wildlife Act 1974</i>                                            | <a href="https://legislation.nsw.gov.au/view/html/inforce/current/act-1974-080">https://legislation.nsw.gov.au/view/html/inforce/current/act-1974-080</a>                                                                                                                                                                 |
| <i>National Park Estate (Riverina Red Gum Reservations) Act 2010</i>                   | <a href="https://legislation.nsw.gov.au/view/html/inforce/current/act-2010-022">https://legislation.nsw.gov.au/view/html/inforce/current/act-2010-022</a>                                                                                                                                                                 |
| <i>NSW National Parks and Wildlife Regulation 2019</i>                                 | <a href="https://legislation.nsw.gov.au/view/html/inforce/current/sl-2019-0408">https://legislation.nsw.gov.au/view/html/inforce/current/sl-2019-0408</a>                                                                                                                                                                 |
| <b><u>Biodiversity</u></b>                                                             |                                                                                                                                                                                                                                                                                                                           |
| Biodiversity Assessment Method 2020 (DPIE 2020)                                        | <a href="https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity-offsets-scheme/accredited-assessors/biodiversity-assessment-method-2020">https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity-offsets-scheme/accredited-assessors/biodiversity-assessment-method-2020</a>         |
| Biodiversity Assessment Method 2020 Operational Manual – Stage 1 (DPE 2022)            | <a href="https://www.environment.nsw.gov.au/research-and-publications/publications-search/biodiversity-assessment-manual-2020-operational-manual-stage-1">https://www.environment.nsw.gov.au/research-and-publications/publications-search/biodiversity-assessment-manual-2020-operational-manual-stage-1</a>             |
| Biodiversity Assessment Method 2020 Operational Manual – Stage 2 (DPE 2023)            | <a href="https://www.environment.nsw.gov.au/research-and-publications/publications-search/biodiversity-assessment-method-operational-manual-stage-2">https://www.environment.nsw.gov.au/research-and-publications/publications-search/biodiversity-assessment-method-operational-manual-stage-2</a>                       |
| BDAR Template (DPE 2022)                                                               | <a href="https://www.environment.nsw.gov.au/research-and-publications/publications-search/guidance-for-the-biodiversity-development-assessment-report-template">https://www.environment.nsw.gov.au/research-and-publications/publications-search/guidance-for-the-biodiversity-development-assessment-report-template</a> |
| BAM Assessor Resources (including links to Survey Guidelines, Registers and Databases) | <a href="https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/accredited-assessors/assessor-resources">https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/accredited-assessors/assessor-resources</a>                                                                         |
| BAM Assessor FAQ                                                                       | <a href="https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/accredited-assessors/assessor-questions-and-answers">https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity/accredited-assessors/assessor-questions-and-answers</a>                                                 |
| Biodiversity Values Map                                                                | <a href="http://www.lmbc.nsw.gov.au/Maps/index.html?viewer=BVMap">www.lmbc.nsw.gov.au/Maps/index.html?viewer=BVMap</a><br><a href="https://datasets.seed.nsw.gov.au/dataset/biodiversity-values-map">https://datasets.seed.nsw.gov.au/dataset/biodiversity-values-map</a>                                                 |

| Title                                                                                                                         | Web address                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guidance to assist a decision maker to determine a serious and irreversible impact (DPIE 2019)                                | <a href="https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Animals-and-plants/Biodiversity/guidance-decision-makers-determine-serious-irreversible-impact-190511.pdf">https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Animals-and-plants/Biodiversity/guidance-decision-makers-determine-serious-irreversible-impact-190511.pdf</a> |
| Ancillary rules: biodiversity conservation actions                                                                            | <a href="https://www.environment.nsw.gov.au/research-and-publications/publications-search/ancillary-rules-biodiversity-conservation-actions">https://www.environment.nsw.gov.au/research-and-publications/publications-search/ancillary-rules-biodiversity-conservation-actions</a>                                                                                               |
| Ancillary rules: reasonable steps to seek like-for-like biodiversity credits for the purpose of applying the variation rules  | <a href="https://www.environment.nsw.gov.au/research-and-publications/publications-search/ancillary-rules-reasonable-steps-to-seek-like-for-like-biodiversity-credits">https://www.environment.nsw.gov.au/research-and-publications/publications-search/ancillary-rules-reasonable-steps-to-seek-like-for-like-biodiversity-credits</a>                                           |
| DPE Threatened Species Profiles                                                                                               | <a href="http://www.environment.nsw.gov.au/threatenedspeciesapp/">www.environment.nsw.gov.au/threatenedspeciesapp/</a>                                                                                                                                                                                                                                                            |
| BioNet Atlas                                                                                                                  | <a href="http://www.environment.nsw.gov.au/wildlifeatlas/about.htm">www.environment.nsw.gov.au/wildlifeatlas/about.htm</a>                                                                                                                                                                                                                                                        |
| BioNet Vegetation Classification – see <b>NSW Plant Community Type (PCT) classification</b> link for PCT database login page. | <a href="http://www.environment.nsw.gov.au/research/Visclassification.htm">http://www.environment.nsw.gov.au/research/Visclassification.htm</a>                                                                                                                                                                                                                                   |
| NSW SEED Data Portal (access to online spatial data)                                                                          | <a href="https://www.seed.nsw.gov.au/">https://www.seed.nsw.gov.au/</a>                                                                                                                                                                                                                                                                                                           |
| Fisheries NSW policies and guidelines                                                                                         | <a href="https://www.dpi.nsw.gov.au/fishing/habitat/publications/pubs/fish-habitat-conservation">https://www.dpi.nsw.gov.au/fishing/habitat/publications/pubs/fish-habitat-conservation</a>                                                                                                                                                                                       |
| <b><u>Flood Risk Management</u></b>                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                   |
| Flood Risk Management Manual: the policy and manual for flood liable land (2023)                                              | <a href="https://www.environment.nsw.gov.au/topics/water/floodplains/floodplain-manual">https://www.environment.nsw.gov.au/topics/water/floodplains/floodplain-manual</a>                                                                                                                                                                                                         |
| Australian Rainfall and Runoff: A Guide to Flood Estimation                                                                   | <a href="http://arr.ga.gov.au/">http://arr.ga.gov.au/</a>                                                                                                                                                                                                                                                                                                                         |
| NSW Climate Impact Profile                                                                                                    | <a href="http://climatechange.environment.nsw.gov.au/">climatechange.environment.nsw.gov.au/</a>                                                                                                                                                                                                                                                                                  |
| Climate Change Impacts and Risk Management                                                                                    | <a href="http://www.environment.gov.au/climate-change/adaptation/publications/climate-change-impact-risk-management">www.environment.gov.au/climate-change/adaptation/publications/climate-change-impact-risk-management</a>                                                                                                                                                      |
| <b><u>National Parks and Wildlife Estate</u></b>                                                                              |                                                                                                                                                                                                                                                                                                                                                                                   |
| NSW SEED Dataset NPWS – All Managed land                                                                                      | <a href="https://datasets.seed.nsw.gov.au/dataset/npws-all-managed-land">https://datasets.seed.nsw.gov.au/dataset/npws-all-managed-land</a>                                                                                                                                                                                                                                       |
| NSW SEED Dataset Historic Heritage Information Management System (HHIMS) Sites                                                | <a href="https://datasets.seed.nsw.gov.au/dataset/historic-heritage-information-management-system-hhims-records">https://datasets.seed.nsw.gov.au/dataset/historic-heritage-information-management-system-hhims-records</a>                                                                                                                                                       |

| Title                                                                                                                  | Web address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Historic Heritage Information Management System                                                                        | <a href="https://www.environment.nsw.gov.au/topics/parks-reserves-and-protected-areas/park-management/historic-heritage-information-management-system">https://www.environment.nsw.gov.au/topics/parks-reserves-and-protected-areas/park-management/historic-heritage-information-management-system</a>                                                                                                                                                                                     |
| Guidelines for developments adjacent to NPWS managed lands (DPIE, 2022)                                                | <a href="http://www.environment.nsw.gov.au/topics/parks-reserves-and-protected-areas/development-guidelines">www.environment.nsw.gov.au/topics/parks-reserves-and-protected-areas/development-guidelines</a>                                                                                                                                                                                                                                                                                |
| NPWS Policy, Managing parks prior to a plan of management (NPWS, 2002)                                                 | <a href="https://www.environment.nsw.gov.au/topics/parks-reserves-and-protected-areas/park-policies/managing-parks-prior-to-a-plan-of-management">https://www.environment.nsw.gov.au/topics/parks-reserves-and-protected-areas/park-policies/managing-parks-prior-to-a-plan-of-management</a>                                                                                                                                                                                               |
| Statement of Management Intent - Murray Valley National Park and Murray Valley Regional Park (NPWS, 2014)              | <a href="https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Parks-reserves-and-protected-areas/Parks-statement-of-management-intent/murray-valley-national-park-regional-park-statement-of-management-intent-140205.pdf">https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Parks-reserves-and-protected-areas/Parks-statement-of-management-intent/murray-valley-national-park-regional-park-statement-of-management-intent-140205.pdf</a>       |
| Statement of Management Intent - South West Woodland Nature Reserve (NPWS, 2014)                                       | <a href="https://www.environment.nsw.gov.au/research-and-publications/publications-search/south-west-woodland-nature-reserve-statement-of-management-intent">https://www.environment.nsw.gov.au/research-and-publications/publications-search/south-west-woodland-nature-reserve-statement-of-management-intent</a>                                                                                                                                                                         |
| Murray Valley National Park (Noorong, Neimur & Wetuppa Precincts) Fire Management Strategy (NPWS, 2012)                | <a href="https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Parks-reserves-and-protected-areas/Fire-management-strategies/murray-valley-national-park-noorong-neimur-wetuppa-precincts-fire-management-strategy-120463.pdf">https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Parks-reserves-and-protected-areas/Fire-management-strategies/murray-valley-national-park-noorong-neimur-wetuppa-precincts-fire-management-strategy-120463.pdf</a> |
| South West Woodland Nature Reserve (Puckawidgee, Edgar & Steam Plains Precincts) Fire Management Strategy (NPWS, 2012) | <a href="https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Parks-reserves-and-protected-areas/Fire-management-strategies/south-west-woodland-puckawidgee-edgar-steam-plains-precincts-fire-management-strategy-120636.pdf">https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Parks-reserves-and-protected-areas/Fire-management-strategies/south-west-woodland-puckawidgee-edgar-steam-plains-precincts-fire-management-strategy-120636.pdf</a> |