

CHAPTER

INLAND
RAIL 

26

References

Gowrie to Helidon Environmental Impact Statement



The Australian Government is delivering
Inland Rail through the Australian
Rail Track Corporation (ARTC), in
partnership with the private sector.

26. Contents

26.	REFERENCES	26-1
A		26-1
B		26-5
C		26-6
D		26-7
E		26-17
F		26-18
G		26-19
H		26-19
I		26-20
J		26-21
K		26-21
L		26-21
M		26-22
N		26-22
O		26-23
P		26-24
Q		26-24
R		26-25
S		26-26
T		26-29
U		26-31
V		26-31
W		26-31
Z		26-32

26. References

A

- ACIL Allen Consulting. (2014). *The economic significance of the Australian Logistics Industry*. Prepared for the Australian Logistics Council. Available at: [austlogistics.com.au/wp-content/uploads/2014/07/Economic-Significance-of-the-Australian-Logistics-Industry-FINAL.pdf](https://www.austlogistics.com.au/wp-content/uploads/2014/07/Economic-Significance-of-the-Australian-Logistics-Industry-FINAL.pdf). [Accessed 2020].
- Adair, R.J. and Groves, R.H. (1998). *Impact of environmental weeds on biodiversity: a review and development of a methodology*. Environment Australia, Canberra.
- ALCAM. (2016). *Australian Level Crossing Assessment Model*. National ALCAM Committee. Available at: [alcam.com.au/media/1013/alcam-in-detail-update-august-2016.pdf](https://www.alcam.com.au/media/1013/alcam-in-detail-update-august-2016.pdf). [Accessed 2020].
- Agriculture Victoria. (2017). *Hydrosols – Victorian Resources Online*. Available at: vro.agriculture.vic.gov.au/dpi/vro/coranregn.nsf/pages/corangamite_soil. [Accessed 2020].
- American Society of Heating, Refrigerating and Air-Conditioning Engineers. (2019). *2019 ASHRAE Handbook – HVAC Applications*. Atlanta, GA, US.
- Andrews, A. and Skriskandarajah, N. (1992). *Coal mine dust and dairy farming: The answers*. New South Wales Coal Association and Australian Cooperative Foods, Newcastle.
- Atlas of Living Australia. (2018). *Online Species Database*. Available at: ala.org.au/. [Accessed 2020]
- Aurecon. (2015). *Brisbane River Catchment Flood Study: Comprehensive Hydrologic Assessment Final Hydrology Report*. Aurecon: Brisbane.
- Australasian Railway Association. (2018). *Australasian Railway Association Skills Capability Study*. Available at: [ara.net.au/wp-content/uploads/ARA-Skills-Capability-Study.pdf](https://www.ara.net.au/wp-content/uploads/ARA-Skills-Capability-Study.pdf). [Accessed 2020].
- Australian Apprenticeship. (2019). *National Skills List*. Available at: [australianapprenticeships.gov.au/financial-programs](https://www.australianapprenticeships.gov.au/financial-programs). [Accessed 2020].
- Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand. (2000). *Australian and New Zealand Guidelines for Fresh and Marine Water Quality, 2018 Revision*. Australian and New Zealand Environment and Conservation Council, Canberra.
- Australian and New Zealand Environment Conservation Council. (1990). *Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration*. Available at: [nepc.gov.au/system/files/resources/378b7018-8f2a-8174-3928-2056b44bf9b0/files/anzec-gl-technical-basis-guidelines-minimise-annoyance-due-to-blasting-overpressure-and-ground-vibration.pdf](https://www.nepc.gov.au/system/files/resources/378b7018-8f2a-8174-3928-2056b44bf9b0/files/anzec-gl-technical-basis-guidelines-minimise-annoyance-due-to-blasting-overpressure-and-ground-vibration.pdf). [Accessed 2020].
- Australian and New Zealand Governments, and Australian State and Territory Government. (2018). *Primary Industries – Livestock Drinking Water Guidelines*. Available at: [waterquality.gov.au/anz-guidelines/guideline-values/default/primary-industries/stock-water-guidance](https://www.waterquality.gov.au/anz-guidelines/guideline-values/default/primary-industries/stock-water-guidance). [Accessed 2020].
- Australian Bureau of Statistics. (2016a). *Census of Population and Housing: General Community Profile ASGS Main Statistical Areas. SA1-SA4 and Non-ABS Structures (LGAs)*. Commonwealth of Australia.
- Australian Bureau of Statistics. (2016b). *G19 Voluntary work for an organisation or group by age by sex in Australia*. Commonwealth of Australia.
- Australian Bureau of Statistics. (2016c). *Census of population and housing: Estimating homelessness 2011 and 2016*. Commonwealth of Australia. Available at: [abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/2049.02011?OpenDocument](https://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/2049.02011?OpenDocument). [Accessed 2020].
- Australian Bureau of Statistics. (2016d). *1270.0.55.005 – Australian Statistical Geography Standards (ASGS): Volume 5 – Remoteness Structure, July 2016 In Australia*. Commonwealth of Australia.
- Australian Bureau of Statistics. (2020). *Labour Force Survey, Quarterly, November 2020 - Released 23 December 2020*. Available at: [abs.gov.au/statistics/labour/employment-and-unemployment/labour-force-australia/nov-2020](https://www.abs.gov.au/statistics/labour/employment-and-unemployment/labour-force-australia/nov-2020). [Accessed 2021].
- Australian Bureau of Statistics. (2021a). *Count of Australian Businesses, including Entries and Exits, June 2016 to June 2020*. Available at: [abs.gov.au/statistics/economy/business-indicators/counts-australian-businesses-including-entries-and-exits/latest-release#data-download](https://www.abs.gov.au/statistics/economy/business-indicators/counts-australian-businesses-including-entries-and-exits/latest-release#data-download). [Accessed 2021].

Australian Bureau of Statistics. (2021b). Labour Force, Australia, Detailed - Released 25 February 2021. Available at: abs.gov.au/statistics/economy/business-indicators/counts-australian-businesses-including-entries-and-exits/latest-release#data-download. [Accessed 2021].

Australian Bureau of Statistics. (2021c). *Job Vacancies, Australia - November 2020*. Released 13 January 2021. Available at: abs.gov.au/statistics/labour/employment-and-unemployment/job-vacancies-australia/nov-2020. [Accessed 2021].

Australian Government. (2009). *Australian code for the transport of explosives by road and rail (3rd edition)*. Commonwealth of Australia. Available at: safeworkaustralia.gov.au/system/files/documents/1702/australian_code_transport_explosives_road_rail_3rd_edition.pdf. [Accessed 2020].

Australian Government. (2015). *Australian Hydrological Geospatial Fabric (Geofabric) Product Guide*. Available at: bom.gov.au/water/geofabric/documents/v3_0/ahgf_productguide_V3_0_release.pdf. [Accessed June 2019].

Australian Government. (2017). *Department of Defence UXO Mapping Application*. Department of Defence, Commonwealth of Australia. Available at: whereisuxo.org.au/. [Accessed 2020].

Australian Government. (2018). *Sustainable Procurement Guide*. Melbourne: Report prepared by Eco-Buy Ltd. Commonwealth of Australia. Available at: environment.gov.au/protection/waste-resource-recovery/publications/sustainable-procurement-guide. [Accessed 2020].

Australian Government. (2019). *EPBC Act Protected Matters Search Tool*. Commonwealth of Australia. Available at: environment.gov.au/epbc/protected-matters-search-tool. [Accessed 2020].

Australian Government Business.gov.au. (2020). *Current Major Project status projects*. Available at: business.gov.au/grants-and-programs/major-project-status/current-major-projects. [Accessed 2020].

Australian Heritage Commission. (2002a). *Ask First: A guide to respecting Indigenous heritage places and values*. Commonwealth of Australia. Available at: webarchive.nla.gov.au/awa/20171114035941/http://www.environment.gov.au/heritage/ahc/publications/ask-first-guide-respecting-indigenous-heritage-places-and-values. [Accessed 2020].

Australian Heritage Commission. (2002b). *Australian Natural Heritage Charter: for the conservation of places of natural heritage significance*. Available at: vgls.vic.gov.au/client/en_AU/search/asset/1292682/0. [Accessed 2020].

Australian Industry Group. (2018a). *Construction outlook – The Australian Industry Group*. Available at: aigroup.com.au/policy-and-research/economics/constructionoutlook/. [Accessed 2020].

Australian Industry Group. (2018b). *Survey Report: Workforce Development Needs. Skilling: A National Imperative*. Available at: cdn.aigroup.com.au/Reports/2018/Survey_Report_WFDNeeds_Skilling_Sept2018.pdf. [Accessed 2020].

Australian Institute of Landscape Architects Queensland. (2018). *Guidance Note for Landscape and Visual Assessment*. Available at: aila.org.au/imis_prod/documents/AILA/QLD/2018/AILA_GNLVA_June_2018V2.pdf. [Accessed 2020].

Australian Rail Maps. (2018). *Queensland Rail Maps*. Available at: railmaps.com.au/queensland.htm. [Accessed 2020].

Australian Rail Track Corporation. (2003). *Train Operating Conditions Manual (NSW/QLD)*. Available at: artc.com.au/customers/standards/route/toc/. [Accessed 2021].

Australian Rail Track Corporation. (2005a). *Accidents or Derailments – Action to be Taken*. Available at: extranet.artc.com.au/docs/eng/signal/procedures/maintenance/SMP03.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2005b). *Requirement for Electric Aerials Crossing ARTC Infrastructure*. Available at: extranet.artc.com.au/docs/eng/electrical/procedures/PYS02.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2006a). *Fire Prevention Management*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/fire/PP-167.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2006b). *RTS 3432 Track Drainage – Inspection and Maintenance*. Available at: extranet.artc.com.au/docs/eng/track-civil/guidelines/flooding/rts3432.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2010a). *Melbourne–Brisbane Inland Rail Alignment Study: Final Report, July 2010*. Available at: artc.com.au/library/IRAS_Final%20Report.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2010b). *ETD-10-01 Automatic Rainfall Monitoring – Engineering Code of Practice*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/flooding/ETD-10-01.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2011a). *Section 10: Flooding – Engineering Code of Practice*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/flooding/Section10.pdf. [Accessed 2020]

Australian Rail Track Corporation. (2012). *Section 4: Ballast Code of Practice*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/ballast/Section4.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2013a). *RTS 3433 Track Drainage – Design and Construction*. Available at: extranet.artc.com.au/docs/eng/track-civil/guidelines/flooding/rts3433.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2013b). *Section 17 Right of Way – Engineering Code of Practice*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/row/Section17.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2015a). *Inland Rail Melbourne to Brisbane Business Case 2015 Attachment A: Inland Rail Programme Business Case*. Available at: s3-ap-southeast-2.amazonaws.com/ehq-production-australia/5de589db79424a8f1344e2e42e171fc205104b99/documents/attachments/000/029/855/original/InlandRailBusinessCase.pdf?1448785278. [Accessed 2020].

Australian Rail Track Corporation. (2015b). *The Case for Inland Rail – Summary of the 2015 Business Case*. Available at: inlandrail.artc.com.au/28551/documents/59259. [Accessed 2020].

Australian Rail Track Corporation. (2015c). *WHS-PR-001 Work Health and Safety*. Available at: artc.com.au/library/WHS-PR-001.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2015d). *Inspecting Trains*. Available at: artc.com.au/uploads/ANTR-402.pdf. [Accessed 2021].

Australian Rail Track Corporation. (2016a). *WHS-WI-214 Chemicals*. Available at: artc.com.au/library/WHS-WI-214.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2016b). *WHS-WI-423 Fatigue*. Available at: artc.com.au/library/WHS-WI-423.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2016c). *WHS-WI-004 Underground/Overhead Services (Electrical and Other Services)*. Available at: artc.com.au/library/WHS-WI-004.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2016d). *WHS-WI-212 Asbestos*. Available at: artc.com.au/library/WHS-WI-212.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2017a). *EPBC Referral: Inland Rail – Gowrie to Helidon – 15 February 2017* (EPBC Referral number 2017/7882). Available at: epbcnotices.environment.gov.au/_portal/modal-form-template-path/a71d58ad-4cba-48b6-8dab-f3091fc31cd5?id=eebc81c5-3def-e611-88e4-005056ba00a7&entityformid=c2c88dfd-64a4-49bf-84fb-49edb9186137&languagecode=1033#. [Accessed 2020].

Australian Rail Track Corporation. (2017b). *Initial Advice Statement: Inland Rail – Gowrie to Helidon – 15 February 2017*. Available at: eisdocs.dsdlp.qld.gov.au/Inland%20Rail%20Gowrie%20to%20Helidon/IAS/inlandrail-G2H-final-ias.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2017c). *Fatal & Severe Risk Program*. Available at: artc.com.au/uploads/Fatal-Risk-Booklet.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2017d). *Section 9: Structures – Engineering Code of Practice*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/structures/Section9.pdf?20190204. [Accessed 2020].

Australian Rail Track Corporation. (2017e). *ETM-06-08 Managing Track Stability*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/track-ls/ETM-06-08.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2017f). *ETN-06-01 Track Stability Handbook*. Available at: extranet.artc.com.au/docs/eng/track-civil/guidelines/track-ls/ETN-06-01.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2018a). *Inland Rail Environment and Sustainability Policy*. Available at: inlandrail.artc.com.au/environment-and-sustainability-policy/. [Accessed 2020].

Australian Rail Track Corporation. (2018b). *Inland Rail Sustainability Strategy*. Available at: inlandrail.artc.com.au/building-inland-rail/sustainability/. [Accessed 2020].

Australian Rail Track Corporation. (2018c). *Section 8: Earthworks – Engineering Code of Practice*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/earthworks/section8.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2018d). *Total Fire Bans Procedure*. Available at: extranet.artc.com.au/docs/eng/track-civil/procedures/fire/ETM-13-01.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2018e). *Route Access Standard General Information Route Standards: Speed Restrictions During Hot Weather*. Available at: artc.com.au/uploads/2.-RAS-General-Information-Version-2.1-Master-Copy.pdf. [Accessed 2021].

Australian Rail Track Corporation. (2019a). *Pollution Incident Response Public Extract*. Available at: artc.com.au/uploads/ENV-WI-002-Environmental-Incident-Response_External_V3.1.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2019b). *RLS-PR-044 – Emergency Management Plan*. Available at: artc.com.au/uploads/RLS-PR-044-Emergency-Management-Plan.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2019c). *RSK-PR-001 – Risk Management Procedure*. Available at: artc.com.au/uploads/RSK-PR-001.pdf. [Accessed 2020].

Australian Rail Track Corporation. (2020a). *Inland Rail Sustainable Procurement Policy*. Available at: inlandrail.artc.com.au/inland-rail-sustainable-procurement-policy/. [Accessed 2020].

Australian Rail Track Corporation. (2020b). *Network Rules & Procedures*. Available at: artc.com.au/customers/operations/rules-procedures/. [Accessed 2021].

Australian Rail Track Corporation. (2020c). *Route Access Standard Appendix A: Rolling Stock Outlines and Loading Requirements*. Available at: artc.com.au/uploads/RAS-Manual-Appendix-A-Rolling-Stock-Outlines-1.2.pdf. [Accessed 2021].

Australian Rail Track Corporation. (2020d). *Safety Policy - COR-PO-001*. Available at: artc.com.au/uploads/COR-PO-001.pdf. [Accessed 2020].

Australian Soil Resource Information System. (2014). *Atlas of Australian Soils*. Available at: asris.csiro.au/themes/Atlas.html. [Accessed 2020].

Australian Transport Assessment and Planning. (2019). *Australian Transport Assessment and Planning Guidelines*. Available at: atap.gov.au. [Accessed 14 May 2020].

Austrroads. (1988). *Guide to Traffic Engineering Practice Part 2: Roadway Capacity*. Sydney: National Association of Australian State Road Authorities, 1988.

Austrroads. (2017a). *Guide to Traffic Management Part 3: Traffic Studies and Analysis*. Available at: austrroads.com.au/publications/traffic-management/agtm03. [Accessed 2020].

Austrroads. (2017b). *Guide to Road Design Part 4A: Unsignalised and Signalised Intersections*. Available at: austrroads.com.au/publications/road-design/agrd04a. [at 2020].

Austrroads. (2017c). *Cycling Aspects of Austrroads Guides*. Available from: austrroads.com.au/publications/road-design/ap-g88-17. [Accessed 2020].

Austrroads. (2018). *Guide to Pavement Technology Part 2: Pavement Structural Design*. Available at: austrroads.com.au/publications/pavement/agpt02. [Accessed 2020].

Austrroads. (2018a). *Guide to Road Design Part 5: Drainage – General Hydrology Considerations*. Available at: austrroads.com.au/publications/road-design/agrd05. [Accessed 2020].

Austrroads. (2019a). *Guide to Traffic Management Part 6: Intersections, Interchanges and Crossings*. Available at: austrroads.com.au/publications/traffic-management/agtm06. [Accessed 2020].

Austrroads. (2019b). *Guide to Traffic Management Part 12: Traffic Impacts of Developments*. Available at: austrroads.com.au/publications/traffic-management/agtm12. [Accessed 2020].

Ayers, D. and Wallace, G. (1997). Pipeline trenches: an underutilized resource for finding fauna. In P. Hale and D. Lamb (Eds.). *Conservation Outside Nature Reserves* (pp. 349–357). Brisbane, Australia: Centre for Conservation Biology, The University of Queensland.

B

- Barclay, J. & Scire, J. (2011). *Generic Guidance and Optimum Model Settings for the CALPUFF Modelling System for Inclusion into the Approved Methods for Modelling and Assessment in New South Wales*. Office of Environment and Heritage. NSW Government, Sydney.
- Bali, R. (2005). *Discussion Paper - Compensating for Edge Effects*. Ecosense Consulting for the NSW Roads and Traffic Authority; Sydney.
- Ball, J., Babister, M., Nathan, R., Weeks, B., Weinmann, W., Retallick, M., Testoni, I. (Eds) (2016). *Australian Rainfall and Runoff: A guide to flood estimation*. Commonwealth of Australia. Available at: arr-software.org/pdfs/ARR_190514_Book1.pdf. [Accessed 2020].
- Barrientos, R., et al. (2019). Railway ecology vs road ecology: similarities and differences. *European Journal of Wildlife Research*, 65(12).
- Bennett, A.F. (1990). *Habitat Corridors. Their Role in Wildlife Management and Conservation*. Department of Conservation and Environment, Melbourne.
- Bicentennial National Trail. (2019). *Heritage Places – Bicentennial National Trail*. Available at: bicentennialnationaltrail.com.au/about/heritage-places/. [August 2019].
- Biggs, A.J.W., Harms, B., Payne, J. (2010). *Alkaline sodic soils of the Yelarbon area, Australia*. Department of Environment and Resource Management, Queensland Government.
- BNSF Railway Company and Union Pacific Railroad Company. (2010). *Summary of BNSF/UP Super Trial*. Available at: swcleanair.org/docs/coaltrains/BNSF%20Coal%20Dust%20Super-trial.pdf. [Accessed June 2018].
- Brannock and Associates. (2010). *Toowoomba Regional – Heritage and Urban Character Study*. Available at: tr.qld.gov.au/planning-building/planning-scheme-strategies-tools/planning-scheme-new/12774-planning-studies. [Accessed September 2018].
- Birdlife Australia. (2019). *The New Atlas database (1998 – present)*. Electronic dataset.
- Birdsall, J.L., McCaughey, W. and Runyon, J.B. (2012). Roads Impact the Distribution of Noxious Weeds More Than Restoration Treatments in a Lodgepole Pine Forest in Montana, U.S.A. *Restoration Ecology*, 20(4), pp. 517–523.
- Bond, A., and Jones, D. (2008). Temporal trends in use of fauna-friendly underpasses and overpasses. *Wildlife Research*, 35(2), 103–112.
- Boscardin, M.D. and Cording, E.J. (1989). Building Response to Excavation-Induced Settlement. *Journal of Geotechnical Engineering*. 115. 10.1061/(ASCE)0733-9410(1989)115:1(1). hwa.uk.com/site/wp-content/uploads/2018/02/CD.OTH_66-Boscardin-Cording.-Building-response-to-excavation-induced-settlement-1989.pdf. [Accessed 2019].
- Brisbane City Council. (2014). *Air quality planning scheme policy*. Available at: eplan.brisbane.qld.gov.au/CP/AirQualityPSP. [Accessed 2020].
- British Standards. (2003). *BS 7385-2:1993: Evaluation and measurement for vibration in buildings – Part 2: Guide to damage levels from ground borne vibration*. British Standards, London, UK.
- British Standards. (2008). *BS 6472-1:2008 Guide to evaluation of human exposure to vibration in buildings – Vibration sources other than blasting*. British Standards, London, UK.
- British Standards. (2009a). *BS 5228-1:2009 - Code of practice for noise and vibration control on construction and open sites – Part 1: Noise*. British Standards, London, UK.
- British Standards. (2009b). *BS 5228-2:2009 – Code of Practice for Noise and Vibration Control on Construction and Open Sites - Part 2 Vibration*. British Standards, London, UK.
- Bureau of Meteorology. (2018). *Tropical Cyclones in Queensland*. Commonwealth of Australia. Available at: bom.gov.au/cyclone/about/eastern.shtml#history. [Accessed 3 September 2018].
- Bureau of Meteorology. (2020a). *Groundwater Dependent Ecosystem Atlas*. Commonwealth of Australia. Available at: bom.gov.au/water/groundwater/gde/. [Accessed 2020].
- Bureau of Meteorology. (2020b). *Climate data online*. Commonwealth of Australia. Available at: bom.gov.au/climate/data/index.shtml. [Accessed January 2020].
- Bureau of Meteorology. (2020c). *Monthly climate statistics: Toowoomba Airport*. Commonwealth of Australia. Available at: bom.gov.au/climate/averages/tables/cw_041529.shtml. [Accessed January 2020].

Bureau of Meteorology. (2020d). *Monthly climate statistics: Oakey Aero*. Commonwealth of Australia. Available at: bom.gov.au/climate/averages/tables/cw_041359.shtml. [Accessed January 2020].

Burland, John & Rampello, Sebastiano & Georgiannou, V & Calabresi, G. (1996). A laboratory study of the strength of four stiff clays. *Géotechnique*. 46. 491–514. [10.1680/geot.1996.46.3.491](https://doi.org/10.1680/geot.1996.46.3.491).

C

Camus, T., Therville, F. and Sanchez, H. (2015). Sydney Metro Northwest Project, *Four Double Shielded TBMs excavate 15 km of Twin Tunnels*. Eurock15, 64th Geomechanics Conference.

Cancer Council. (2019). *Silica Dust*. Available at: cancer.org.au/preventing-cancer/workplace-cancer/silica-dust.html. [Accessed 2020].

Carmichael Rail Project. (2019). *Species Management Plans—Carmichael Rail Project*.

Caro, T. (2005). *Antipredator defenses in birds and mammals*. University of Chicago Press; Chicago, Illinois.

Carvalho F., Santos S.M., Mira A., Lourenço R. (2017). *Methods to Monitor and Mitigate Wildlife Mortality in Railways*. In: Borda-de-Água L., Barrientos R., Beja P., Pereira H. (eds) *Railway Ecology*. Springer, Cham. doi.org/10.1007/978-3-319-57496-7_3.

Casadei, S. & Maggioni, A. (2016). Performance testing of a locomotive engine aftertreatment pre-prototype in a passenger cars chassis dynamometer laboratory. *Transportation Research Procedia*, pp. 605–614. [doi:10.1016/j.trpro.2016.05.305](https://doi.org/10.1016/j.trpro.2016.05.305).

Catling, P.C. & Burt, R.J. (1995). Why are red foxes absent from some eucalypt forests in eastern New South Wales. *Wildlife Research*, 22, pp. 535–546.

Chaston, K. & Doley, D. (2006). Mineral particulates and vegetation: Effects of coal dust, overburden and flyash on light interception and leaf temperature, clean air and environmental quality. *Clean Air Environ. Quality*, 40, pp. 40–44.

Clarence Valley Council. (2018a). *The Clarence 2027 Community Strategic Plan*. Available at: clarence.nsw.gov.au/page.asp?f=RES-LBP-33-26-88. [Accessed 2020].

Clarence Valley Council. (2018b). *Clarence River Way Masterplan*. Available at: clarence.nsw.gov.au/page.asp?f=RES-DWP-67-67-03. [Accessed 2020].

Clarke, G.M., Grosse, S., Matthews, M., Catling, P.C., Baker, B., Hewitt... et al. (2001). *Environmental Pest Species in Australia, Australia: State of the Environment, Second Technical Paper Series (Biodiversity)*. Department of the Environment and Heritage, Commonwealth of Australia.

Coffin, A.W. (2007). From roadkill to road ecology: A review of the ecological effects of roads. *Journal of Transport Geography*, 15(5), pp. 396–406.

Commander, L.E., Coates, D.J., Broadhurst, L., Offord, C.A., Makinson, R.O. & Matthes, M. (2018). *Guidelines for the Translocation of Threatened Plants in Australia*. Australian Network for Plant Conservation. Available at: anpc.asn.au/wp-content/uploads/2019/03/Translocation-Guidelines_FINAL-WEB2.pdf. [Accessed 2020].

Commonwealth of Australia. (2018). *Darling Downs and West Moreton*. Available at: ddwmpnh.com.au/. [Accessed August 2019].

Commonwealth Scientific and Industrial Research Organisation. (2014a). *Australian soil resource information system*. Available at: asris.csiro.au/themes/Atlas.html. [Accessed July 2018].

Commonwealth Scientific and Industrial Research Organisation. (2014b). *Atlas of Australian Sulfate Soils*. Available at: asris.csiro.au/themes/AcidSulfateSoils.html. [Accessed 2020].

Commonwealth Scientific and Industrial Research Organisation. (2015). *CMIP5 global climate model outputs and derived outputs*. Available at: dapds00.nci.org.au/thredds/catalogs/ua6_4/catalog.html. [Accessed 2020].

Commonwealth Scientific and Industrial Research Organisation. (2019a). *Inland Rail Supply Chain Mapping: Parkes to Narromine Pilot*. Available at: inlandrail.gov.au/sites/default/files/documents/csiro_transit_inland_rail_supply_chain_mapping_pilot_study_2_0.pdf. [Accessed 2020].

Commonwealth Scientific and Industrial Research Organisation. (2019b). *Climate change information for Australia*. Available at: csiro.au/en/Research/OandA/Areas/Oceans-and-climate/Climate-change-information. [Accessed September 2019].

Concawe. (1981). *The propagation of noise from petroleum and petrochemical complexes to neighbouring communities*. Report no. 4/81, Concawe.

Conics. (2009). *Toowoomba Regional Council Scenic Amenity Study 2009*. Available at: tr.qld.gov.au/planning-building/planning-scheme-strategies-tools/planning-scheme-new/12774-planning-studies. [Accessed 2020].

Connell Hatch. (2008). *Environmental Evaluation of Fugitive Coal Dust Emissions from Coal Trains Goonyella, Blackwater and Moura Coal Rail Systems*. Report prepared for Queensland Rail, Brisbane.

Council of Australian Governments. (1992). *National Strategy for Ecologically Sustainable Development*. Available at: environment.gov.au/about-us/esd/publications/national-esd-strategy. [Accessed 2020].

Creuzer, J.C., Hargiss, L.M., Norland, J.E., DeSutter, T., Casey, F.X., DeKeyser, E.S. & Ell, M. (2016). Does Increased Road Dust Due to Energy Development Impact Wetlands in the Bakken Region? *Water, Air and Soil Pollution*, 227(39). Available at: doi.org/10.1007/s11270-015-2739-1. [Accessed 2020].

D

Damara Pty Ltd. (2013). *Geology, Geomorphology & Vulnerability of the Pilbara Coast, In the Shires of Ashburton, East Pilbara and Roebourne, and the Town of Port Hedland, Western Australia*. Western Australian Planning Commission. Available at: dplh.wa.gov.au/information-and-services/district-and-regional-planning/country-planning/pilbara/plans,-policies-and-publications-for-the-pilbara-r/pilbara-coast-geology,-geomorphology-and-vulnerabi. [Accessed 2020].

Darling Downs Health. (2019) Project Information. Available at: health.qld.gov.au/darlingdowns/our-projects/toowoomba-hospital-redevelopment/project-information. [Accessed 7 November 2019].

De wit, C. (2012). *Journal of Cultural Geography*, 30(1).

Dear SE, Moore NG, Dobos SK, Watling KM and Ahern CR. (2014). *Soil Management Guidelines*. Queensland Acid Sulfate Soil Technical Manual. Available at: publications.qld.gov.au/dataset/cf17fb49-0ea5-4dee-82c9-32e09bf1eab5/resource/6d880993-4b80-45e3-9110-5c24fa7a7e75/download/queensland-ass-management-guideline-2014.pdf. [Accessed 2020].

Defence Housing Australia. (2020). Mount Lofty Toowoomba. Available at: mountloftytoowoomba.com.au/. [Accessed 20 December 2020].

Deicke Richards. (2013). *Highfields, Meringandan & Meringandan West Local Plan Report*. Available at: tr.qld.gov.au/testcat/planbuild/planningdevelop/highfields-meringandan-and-meringandan-west-local-plan-report [Accessed 2020].

Denaro, T.J. (1985). Toowoomba Range Railway Tunnel, Geological Report. *Geological Survey of Queensland*, Report 85/29.

Denaro, T.J. (1986). Toowoomba Range Railway Tunnel, Supplementary Geological Report. *Geological Survey of Queensland*, Report 86/41.

Department of Aboriginal and Torres Strait Island Partnerships. (2004). *Aboriginal Cultural Heritage Act 2003: Duty of Care Guidelines*. Queensland Government. Available at: datsip.qld.gov.au/resources/datsima/people-communities/cultural-heritage/duty-of-care-guidelines.pdf. [Accessed 2020].

Department of Aboriginal and Torres Strait Islander Partnerships. (2005). *Aboriginal Cultural Heritage Act 2003: Cultural Heritage Management Plan Guidelines*. Queensland Government. Available at: datsip.qld.gov.au/resources/datsima/people-communities/cultural-heritage/chmp-guidelines.pdf. [Accessed 2020].

Department of Agriculture and Fisheries. (2015). *Fish Habitat Areas*. Queensland Government. Available at: data.qld.gov.au/dataset/fish-habitat-areas-queensland. [Accessed 2020].

Department of Agriculture and Fisheries. (2017). *Queensland Agricultural Land Audit – Annual Addendum 2017*. Queensland Government. Available at: publications.QLD.gov.au/dataset/queensland-agricultural-land-audit-annual-addendum-2017/resource/7ff163a6-896f-411c-8e37-f6eb9c1b4736. [Accessed 2020].

Department of Agriculture and Fisheries. (2018a). *Planning for agriculture*. Queensland Government. Available at: daf.qld.gov.au/business-priorities/agriculture/policy-legislation-regulation/planning-agriculture. [Accessed 2020].

Department of Agriculture and Fisheries. (2018b). *Accepted Development Requirements for Operational Work that is Constructing or Raising Waterway Barrier Works*. Queensland Government. Available at: daf.qld.gov.au/__data/assets/pdf_file/0007/1258396/daf-adr-waterway-barrier-works.pdf. [Accessed January 2020].

Department of Agriculture and Fisheries. (2018c). *Queensland waterways for waterway barrier works*. Queensland Government. Available at: qldspatial.information.qld.gov.au/catalogue/custom/index.page. [Accessed 2020].

Department of Agriculture and Fisheries. (2018d). *Guidelines for fish salvage*. Queensland Government. Available at: daf.qld.gov.au/business-priorities/fisheries/habitats/policies-guidelines/factsheets/guidelines-for-fish-salvage. [Accessed 2020].

Department of Agriculture and Fisheries. (2019). *The estimated gross value of agricultural production (GVAP) per local government area in Queensland*. Queensland Government. Available at: qldspatial.information.qld.gov.au/catalogue/custom/detail.page?fid={0AC45DFE-242C-4F2E-AA36-D6B758022B66}. [Accessed February 2021].

Department of Agriculture and Fisheries. (2021a). *What is a waterway barrier?*. Queensland Government. Available at: daf.qld.gov.au/business-priorities/fisheries/habitats/policies-guidelines/factsheets/what-is-a-waterway. [Accessed February 2021].

Department of Agriculture and Fisheries. (2021b). *What-is-not-a-waterway-barrier-work?* Queensland Government. Available at: daf.qld.gov.au/business-priorities/fisheries/habitats/policies-guidelines/factsheets/what-is-not-a-waterway-barrier-work. [Accessed February 2021].

Department of Agriculture, Fisheries and Forestry. (2013a). *Queensland Agricultural Land Audit*. Queensland Government. Available at: daf.qld.gov.au/__data/assets/pdf_file/0011/74000/QALA-Ch13-SEQ.pdf. [Accessed 2020].

Department of Agriculture, Fisheries and Forestry. (2013b). *Queensland Agricultural Land Audit Method Technical Report*. Queensland Government. Available at: daf.QLD.gov.au/__data/assets/pdf_file/0003/74829/QALA-tech-report-final-13.pdf. [Accessed 2020].

Department of Agriculture, Fisheries and Forestry. (2013c). *Guide for the determination of waterways using the spatial data layer Queensland waterways for waterway barrier works*. Queensland Government. Available at: daf.QLD.gov.au/__data/assets/pdf_file/0003/74829/QALA-tech-report-final-13.pdf. [Accessed 2020].

Department of Agriculture, Fisheries and Forestry. (2014). *DAFF Environmental Impact Assessment Companion Guide*. Queensland Government. Available at: publications.qld.gov.au/dataset/b7de207a-8087-40d8-b65e-fe3ca6c303af/resource/7b1825c4-5e42-4cf8-aa2d-7fa55c2f5e4c/download/environmental-impact-assessment-guide.pdf. [Accessed 2020].

Department of Agriculture, Water and the Environment. (2019). *Search NPI data*. Retrieved from National Pollutant Inventory, Commonwealth of Australia. Available at: npi.gov.au/npi-data/search-npi-data. [Accessed 2020].

Department of Communities, Child Safety and Disability Services. (2016). *Queensland Women's Strategy 2016-2021*. Queensland Government. Available at: csyw.qld.gov.au/resources/campaign/womens-strategy/queensland-womens-strategy.pdf. [Accessed 2020].

Department of Education and Training. (2016). *Advancing Skills for the Future; A Strategy for Vocational Education and Training in Queensland – Draft for Consultation*. Queensland Government. Available at: training.qld.gov.au/site/docs-data/Documents/strategies/advancing-skills/advancing-skills-draft-consultation.pdf. [Accessed 2020].

Department of Education, Skills and Employment. (2019). *National Occupational Cluster Reports*. Commonwealth of Australia. Available at: docs.employment.gov.au/collections/national-occupational-cluster-reports. [Accessed 2020].

Department of Education, Skills and Employment. (2021). *Small Area Labour Markets (SALM)*, September 2020 Available at: lmip.gov.au/default.aspx?LMIP/Downloads/SmallAreaLabourMarketsSALM. [Accessed 2021].

Department of Employment, Skills, Small and Family Business. (2019). *Construction Trades – QLD*. Australian Government Document Library. Commonwealth of Australia.

Department of the Environment (2013). *Significant Impact Guidelines 1.1 – Matters of National Environmental Significance*. Commonwealth of Australia. Available at: environment.gov.au/epbc/publications/significant-impact-guidelines-11-matters-national-environmental-significance. [Accessed 2020]

Department of the Environment. (2014). *EPBC Act referral guidelines for the vulnerable koala*. Commonwealth of Australia. Available at: environment.gov.au/biodiversity/threatened/publications/epbc-act-referral-guidelines-vulnerable-koala. [Accessed 2020].

Department of the Environment. (2015a). *Draft Referral Guideline for 14 Birds Listed as Migratory Species Under the EPBC Act*. Commonwealth of Australia. Available at: environment.gov.au/system/files/resources/c05f5b87-0a99-4998-897e-7072c236cf83/files/migratory-birds-draft-referral-guideline.pdf. [Accessed 2020].

Department of the Environment. (2015b). *Arrive Clean, Leave Clean: Guidelines to Help Prevent the Spread of Invasive Plant Diseases and Weeds Threatening Our Native Plants, Animals and Ecosystems*. Commonwealth of Australia. Available at: environment.gov.au/system/files/resources/773abcad-39a8-469f-8d97-23e359576db6/files/arrive-clean-leave-clean.pdf. [Accessed 2020].

Department of the Environment. (2015c). *Referral guideline for management actions in grey-headed and spectacled flying-fox camps*. Commonwealth of Australia. Available at: environment.gov.au/system/files/resources/6d4f8ebc-f6a0-49e6-a6b6-82e9c8d55768/files/referral-guideline-flying-fox-camps.pdf. [Accessed 2020].

Department of Environment and Energy. (2018a). *Register of critical habitat*. Commonwealth of Australia. Available at: environment.gov.au/cgi-bin/sprat/public/publicregisterofcriticalhabitat.pl. [Accessed 2020].

Department of Environment and Energy. (2018b). *Sustainable Procurement Guide*. Commonwealth of Australia. Available at: environment.gov.au/system/files/resources/7b8df2bd-3bb9-49cc-b417-5f2eb6e0ce37/files/sustainable-procurement-guide.pdf. [Accessed 2020].

Department of the Environment and Heritage. (2005a). *Carbon Monoxide (CO)* [Fact sheet]. Available at: environment.gov.au/protection/publications/factsheet-carbon-monoxide-co. [Accessed 13 May 2019].

Department of the Environment and Heritage. (2005b). *Nitrogen Dioxide (NO2)* [Fact sheet]. Available at: environment.gov.au/protection/publications/factsheet-nitrogen-dioxide-no2. [Accessed 13 May 2019].

Department of Environment and Heritage. (2017a). *Queensland Climate Transition Strategy*. Commonwealth of Australia. Available at: qld.gov.au/__data/assets/pdf_file/0026/67283/qld-climate-transition-strategy.pdf. [Accessed 2020].

Department of Environment and Heritage. (2017b). *Queensland Climate Adaptation Strategy 2017-2030*. Commonwealth of Australia. Available at: qld.gov.au/__data/assets/pdf_file/0017/67301/qld-climate-adaptation-strategy.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2009). *Queensland Water Quality Guidelines, Version 3*. Queensland Government. Available at: environment.des.qld.gov.au/water/pdf/water-quality-guidelines.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2013a). *Archival Recording of Heritage Places Guideline*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0024/68226/archival-recording-heritage-places.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2013b). *Assessing Cultural Heritage Significance: Using the Cultural Heritage Criteria*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0030/66693/using-the-criteria.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2014a). *Queensland Environmental Offsets Policy: Significant Residual Impact Guideline Nature Conservation Act 1992 Environmental Protection Act 1994 Marine Parks Act 2004*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0017/90404/significant-residual-impact-guide.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2014b). *Biodiversity Assessment and Mapping Methodology, Version 2.2*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0032/93668/biodiversity-assessment-mapping-methodology.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2015). *An Aquatic Conservation Assessment for the riverine and non-riverine wetlands of Southeast Queensland catchments*. Queensland Government. Available at: wetlandinfo.des.qld.gov.au/resources/static/pdf/assessment-monitoring/aquabamm/seq/aca_seq_v1_1_full_20151104.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2016a). *Guideline – Noise and Vibration from Blasting*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0028/89380/ts-gl-blasting-noise-and-vibration.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2016b). *Information guideline for an environmental impact statement*. Queensland Government. Available at: wetlandinfo.des.qld.gov.au/resources/static/pdf/assessment-monitoring/aquabamm/seq/aca_seq_v1_1_full_20151104.pdf. [Accessed 2019].

Department of Environment and Heritage Protection. (2016c). *Walking the Landscape – Lockyer Catchment Map Journal, Version 1.0*. Queensland Government. Available at: qgsp.maps.arcgis.com/apps/MapJournal/index.html?appid=e64a7303aff74f2e83454e6baf35651a. [Accessed 2020].

Department of Environment and Heritage Protection. (2016d). *Biodiversity Planning Assessment for the South East Queensland Bioregion: Fauna Expert Panel Report, Version 4.1*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0029/93647/bpa-seq-fauna.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2016e). *Biodiversity Planning Assessment for the South East Queensland Bioregion: Flora Expert Panel Report (Version 4.1)*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0030/93648/bpa-seq-flora.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2016f). *Biodiversity Planning Assessment for the South East Queensland Bioregion: Landscape Expert Panel Report (Version 4.1)*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0031/93649/bpa-seq-landscape.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2016g). *Flora Survey Guidelines – Protected Plants*. Queensland Government. Available at: ehp.qld.gov.au/licences-permits/plants-animals/documents/gl-wl-pp-flora-survey.pdf. [Accessed 2020].

Department of Environment and Heritage Protection. (2016h). *Technical guideline Licensing Wastewater release to Queensland waters*. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0031/88636/pr-gl-wastewater-to-waters.pdf#:~:text=Wastewater%20release%20to%20Queensland%20waters%20This%20document%20provides,Environmental%20Protection%20Act%201994%28EP%20Act%29%20and%20subordinate%20legislation. [Accessed February 2021].

Department of Environment and Heritage Protection. (2019). *Matters of State Environmental Significance*. Queensland Government. Available at: qldspatial.information.qld.gov.au/catalogue/custom/index.page. [Accessed 2020].

Department of Environment and Heritage Protection. (n.d.). *Carbon Pollution Projections: Queensland’s baseline greenhouse gas emission projections to 2030*. Queensland Government. Available at: cabinet.qld.gov.au/documents/2016/Mar/QldCTS/Attachments/Projections.PDF. [Accessed 2020].

Department of Environment and Resource Management. (2010a). *Lockyer Creek environmental values and water quality objectives Basin No 143 (part) including all tributaries of the creek*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0026/88073/lockyer-creek-ev-2010.pdf. [Accessed 2020].

Department of Environment and Resource Management. (2010b). *South East Queensland Natural Resource Management Region Back on Track Actions for Biodiversity*. Queensland Government. Available at: 203.8.128.186/wildlife/prioritisation-framework/bot-biodiversity-documents.html. [Accessed 2020].

Department of Environment and Resource Management. (2010c). *Qimagery*. Queensland Government. Available at: qimagery.information.qld.gov.au/. [Accessed 2020].

Department of Environment and Resource Management. (2011). *Salinity management handbook, 2nd edition*. Queensland Government. Available at: publications.qld.gov.au/storage/f/2013-12-19T04%3A10%3A23.754Z/salinity-management-handbook.pdf. [Accessed July 2018].

Department of Environment and Science. (2015). *Lockyer Catchment Story, Wetland Info 2015*. Queensland Government. Available at: wetlandinfo.des.qld.gov.au/wetlands/ecology/processes-systems/water/catchment-stories/transcript-lockyer.html. [Accessed 2020].

Department of Environment and Science. (2016). *Technical Guideline Wastewater release to Queensland waters*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0031/88636/pr-gl-wastewater-to-waters.pdf. [Accessed 2020].

Department of Environment and Science. (2017a). *Application requirements for activities with impacts to air*. Queensland Government. Available at: environment.des.qld.gov.au/assets/documents/regulation/era-gl-air-impacts.pdf. [Accessed 2020].

Department of Environment and Science. (2017b). *Map of Referable Wetlands*. Queensland Government. Available at: environment.des.qld.gov.au/ecosystems/wetlands/referable-wetlands-maps.html. [Accessed 2020].

Department of Environment and Science. (2017c). *Queensland Springs Database*. Queensland Government. Available at: qldspatial.information.qld.gov.au/catalogue/custom/index.page. [Accessed 2020].

Department of Environment and Science. (2018a). *Biodiversity Planning Assessment for the Brigalow Belt Bioregion: Expert Panel Report, Version 2.1*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0028/68428/bb-bpa-expert-panel-report.pdf. [Accessed 2020].

Department of Environment and Science. (2018a). *Monitoring and Sampling Manual 2018 – Environment Protection (Water) Policy 2009*. Queensland Government. Available at: environment.des.qld.gov.au/water/pdf/monitoring-man-2009-v2. [Accessed 2020].

Department of Environment and Science. (2018b). *Murray-Darling Basin environmental values and water quality objectives*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0030/89544/qmdb-evs-wqo.pdf. [Accessed 2020].

Department of Environment and Science. (2018c). *Regional groundwater chemistry zones: Queensland Murray-Darling Basin*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0024/90771/regional-groundwater-chemistry-zones-qlld-murray-darling-basin.pdf. [Accessed 2020].

Department of Environment and Science. (2018f). *Transforming Queensland's Recycling and Waste Industry – Directions Paper*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0021/69060/transforming-qlds-recycling-waste-industry-directions-paper.pdf. [Accessed 2020].

Department of Environment and Science. (2019a). *Guideline: Environmental authorities–Approval processes for environmental authorities – ESR/2015/1743*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0021/90129/era-gl-environmental-authority-approval-process.pdf. [Accessed 2020].

Department of Environment and Science. (2019b). *Guideline – Application requirements for activities with noise impacts*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0027/87705/era-gl-noise-impacts.pdf. [Accessed 2020].

Department of Environment and Science. (2019c). *Regional ecosystem descriptions*. Queensland Government. Available at: qld.gov.au/environment/plants-animals/plants/ecosystems/descriptions. [Accessed 2020].

Department of Environment and Science. (2019d). *Wildlife Online Database*. Queensland Government. Available at: environment.ehp.qld.gov.au/species-search/. [Accessed 2020].

Department of Environment and Science. (2019e). *Healthy Waters Management Plan: Condamine River Basin*. Queensland Government. Available at: 203.8.128.186/water/policy/pdf/hwmp-condamine-river-basin.pdf. [Accessed 2020].

Department of Environment and Science. (2019f). *Queensland Waste Management and Resource Recovery Strategy*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0028/103798/qlld-waste-management-resource-recovery-strategy.pdf. [Accessed 2020].

Department of Environment and Science. (2020a). *End of Waste Code Recycled Aggregates (ENEW07604819) Waste Reduction and Recycling Act 2011*. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0028/209737/wr-eowc-draft-recycled-aggregate.pdf. [Accessed 2021].

Department of Environment and Science. (2020b). *End of Waste Code Returned Concrete (ENEW07278517) Waste Reduction and Recycling Act 2011*. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0009/104211/wr-eowc-approved-concrete-washout-returned.pdf. [Accessed 2021].

Department of Environment and Science. (2020c). *End of Waste Code Solid Concrete Washout (ENEW07602819) Waste Reduction and Recycling Act 2011*. Available at:

environment.des.qld.gov.au/__data/assets/pdf_file/0010/104212/wr-eowc-approved-concrete-washout-solid.pdf. [Accessed 2021].

Department of Environment and Science. (2020d). *Environmental Reports Online. For the State Planning Policy 2017, Version 6.0*. Queensland Government. Available at: apps.des.qld.gov.au/report-request/environment/. [Accessed 2020].

Department of Environment and Science. (2020e). *Flying Fox Monitoring Program*. Queensland Government. Available at: data.qld.gov.au/dataset/flying-fox-monitoring-program. [Accessed 2020].

Department of Environment and Science. (2020f). *Flying Fox Roost Monitoring and Locations*. Queensland Government. Available at: environment.des.qld.gov.au/wildlife/animals/living-with/bats/flying-foxes/roost-locations. [Accessed 2020].

Department of Environment and Science. (2020g). *Guide to determining terrestrial habitat quality – Methods for assessing habitat quality under the Queensland Environmental Offsets Policy*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0017/102833/habitat-quality-assessment-guide-v1-3.pdf. [Accessed 2020].

Department of Environment and Science. (2020h). *Groundwater dependent ecosystems, WetlandInfo 2014*. Queensland Government. Available at: wetlandinfo.ehp.qld.gov.au/wetlands/ecology/aquatic-ecosystems-natural/groundwater-dependent/. [Accessed January 2020].

Department of Environment and Science. (2020i). *Noise Measurement Manual*. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0027/88560/eis-tm-noise-measurement-manual.pdf.

Department of Environment and Science. (2020j). *Recycling and waste Queensland 2019 report*. Queensland Government. Available at: qld.gov.au/__data/assets/pdf_file/0033/129669/recycling-waste-report-2019.pdf. [Accessed 2020].

Department of Environment and Science. (2020k). *Queensland Government Environmental Offsets Policy Version 1.7*. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0036/89766/offsets-policyv1-7.pdf. [Accessed June 2019].

Department of Environment and Science. (2020l). *Queensland agricultural land classes*. Available at: qldspatial.information.qld.gov.au/catalogue/custom/detail.page?fid={405BEB64-9216-4502-839B-A94DD67EA961}. [Accessed 23 September 2020].

Department of Environment and Science. (2020m). *South East Queensland Koala Conservation Strategy (2020–2025)*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0016/211732/seq-koala-conservation-strategy-2020-2025.pdf. [Accessed 2020].

Department of Environment, Water, Heritage and the Arts (DEWHA). (2010a). *Survey guidelines for Australia's threatened birds*. Commonwealth of Australia, Canberra. Available at: environment.gov.au/epbc/publications/survey-guidelines-australias-threatened-birds-guidelinesdetecting-birds-listed-threatened. [Accessed 2020].

Department of Health. (2016). *Health considerations – Environmental Impact Statement: Guidelines for Proponents*. Queensland Government. Available at: health.qld.gov.au/__data/assets/pdf_file/0034/444949/impact-state-guidelines.pdf. [Accessed 2020].

Defence House Australia (DHA). (2015). *Mount Lofty, Toowoomba Queensland*. Available at: dha.gov.au/development/residential/mount-lofty-toowoomba-qld. [Accessed January 2021].

Department of Infrastructure and Planning. (2009). *South East Queensland Regional Plan 2009-2031* (SEQ Regional Plan). Queensland Government. Available at: cabinet.qld.gov.au/documents/2009/jul/seq%20regional%20plan%202009-31/attachments/seq%20regional%20plan%202009-31.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2007). *South East Queensland Regional Plan (SEQRPI) Implementation Guideline No 8 Identifying and protecting scenic amenity values*. Queensland Government. Available at: dlgrma.qld.gov.au/resources/guideline/scenic-amenity-guideline.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2016a). *State Planning Policy – State Interest Guideline: Mining and Extractive Resource*. Queensland Government. Available at: dlgrma.QLD.gov.au/resources/guideline/spp/spp-guideline-mining-extractive-resources.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2016b). *Key Resource Area reports and maps*. Queensland Government. Available at: dlgrma.qld.gov.au/resources/map/spp-guideline-mining-key-resource-area-maps-reports-1-40.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2016c). *State Planning Policy – State Interest Guideline: Water Quality*. Queensland Government. Available at: dlgrma.qld.gov.au/resources/guideline/spp/spp-guideline-water-quality.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2017a). *ShapingSEQ South East Queensland Regional Plan*. Queensland Government. Available at: dsdmippRoad.blob.core.windows.net/general/shapingseq.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2017b). *State Planning Policy*. Queensland Government. Available at: dilgppRoad.blob.core.windows.net/general/spp-july-2017.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2017c). *State Planning Policy – State interest guidance material: Agriculture*. Queensland Government. Available at: dilgppRoad.blob.core.windows.net/general/spp-july-2017.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2017d). *State Planning Policy – State interest guidance material: Infrastructure integration*. Queensland Government. Available at: dsdmipprd.blob.core.windows.net/general/SPPGuidance-InfrastructureIntegration-July2017.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2017e). *State Planning Policy – State interest guidance material: Natural hazards, risks and resilience – Landslide*. Queensland Government. Available at: dsdmipprd.blob.core.windows.net/general/spp-guidance-landslide-july-2017.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2017f). *State Planning Policy – State interest guidance material: Strategic airports and aviation facilities*. Queensland Government. Available at: dilgpprd.blob.core.windows.net/general/spp-strategic-airports-and-aviation-facilities-july-2017.pdf. [Accessed 2020].

Department of Infrastructure, Local Government and Planning. (2017g). *State Planning Policy – State interest guidance material: Transport infrastructure*. Queensland Government. Available at: dilgpprd.blob.core.windows.net/general/spp-guidance-transport-infrastructure-july-2017.pdf. [Accessed 2020].

Department of Jobs and Small Business. (2018). *ANZSCO 3223 Queensland Structural Steel and Welding Trades Workers December 2018*. Australian Government. Available at: docs.employment.gov.au/system/files/doc/other/3223_structweldtrad_qld_0.pdf. [Accessed 2020].

Department of Lands. (1993). *Qimagery*. Queensland Government. Available at: qimagery.information.qld.gov.au/. [Accessed 2020].

Department of National Parks, Recreation, Sport and Racing. (2013). *Lockyer Area Management Strategy 2013*. Queensland Government. Available at: parks.des.qld.gov.au/managing/plans-strategies/statements/lockyer.html. [Accessed 2020].

Department of Natural Resources and Mines. (1992). *Qimagery*. Queensland Government. Available at: qimagery.information.qld.gov.au/. [Accessed 2020].

Department of Natural Resources and Mines. (2001a). *Soil Survey of the Eastern Darling Downs: Westbrook-Highfields-Oakey Are (1:50,000)*. Queensland Government. Available at: publications.qld.gov.au/dataset/soils-eastern-darling-downs-eds. [Accessed 2020].

Department of Natural Resources and Mines. (2001b). *Qimagery*. Queensland Government. Available at: qimagery.information.qld.gov.au/. [Accessed 2020].

Department of Natural Resources and Mines. (2009). *Qimagery*. Queensland Government. Available at: qimagery.information.qld.gov.au/. [Accessed 2020].

Department of Natural Resources and Mines. (2013). *Groundwater database*. Queensland Government. Available at: nrm.qld.gov.au/water/index.html. [Accessed 2020].

Department of Natural Resources and Mines. (2014). *Qimagery*. Queensland Government. Available at: qimagery.information.qld.gov.au/. [Accessed 2020].

Department of Natural Resources and Mines. (2016). *Lands Access Code*. Queensland Government. Available at: dnrm.qld.gov.au/__data/assets/pdf_file/0004/442633/land-access-code-2016.pdf. [Accessed 2020].

Department of Natural Resources, Mines and Energy. (2016). *Trigger map for Strategic Cropping Land in Queensland*. Queensland Government. Available at: dnrm.qld.gov.au/__data/assets/pdf_file/0005/171563/strategic-trigger-map.pdf. [Accessed 2020].

Department of Natural Resources, Mines and Energy. (2017). *Mapping and data*. Queensland Government. Available at: dnrm.qld.gov.au/mapping-data/maps. [Accessed 2020].

Department of Natural Resources, Mines and Energy. (2018). *Upper Condamine Basalts Groundwater Background Paper*. Queensland Government. Available at: mdba.gov.au/sites/default/files/pubs/qld-upper-condamine-basalts-%28GS65%29-groundwater-background-paper-2018_0.pdf. [Accessed 2020].

Department of Natural Resources, Mines and Energy. (2019a). *Exemption requirements for constructing authorities for the take of water without a water entitlement – WSS/2013/666*. Queensland Government. Available at: dnrm.qld.gov.au/?a=109113:policy_registry/exemption-taking-water-without-entitlement.pdf. [Accessed 2020].

Department of Natural Resources, Mines and Energy. (2019b). *Riverine protection permit exemption requirements – WSS/2013/726*. Queensland Government. Available at: dnrm.qld.gov.au/?a=109113%3Apolicy_registry%2Friverine-protection-permit-exemption-requirements.pdf. [Accessed 2020].

Department of Natural Resources, Mines and Energy. (2019c). *Qimagery*. Queensland Government. Available at: qimagery.information.qld.gov.au/. [Accessed 2020].

Department of Natural Resources, Mines and Energy. (2019d). *Queensland Water Entitlements database*. Queensland Government. Available from: data.qld.gov.au/dataset/water-entitlements. [Accessed 2019].

Department of Planning and Environment (DPE). (2017). *New South Wales Social Impact Assessment Guideline*. NSW Government. Available at: planning.nsw.gov.au/-/media/Files/DPE/Guidelines/social-impact-assessment-guideline-2017-09.pdf. [Accessed 2020].

Department of Regional Development, Manufacturing and Water. (2021a). *Water identification mapping*. Queensland Government. Available at: business.qld.gov.au/industries/mining-energy-water/water/maps-data/watercourse-map. [Accessed May 2021].

Department of Regional Development, Manufacturing and Water. (2021b). *Water information systems*. Queensland Government. Available at: water-monitoring.information.qld.gov.au. [Accessed 26 May 2021].

Department of Resources. (2021). *Stock Route Management Strategy 2021–2025*. Queensland Government. Available from: resources.qld.gov.au/__data/assets/pdf_file/0018/1550304/stock-route-management-strategy-2020-25.pdf. [Accessed 2021].

Department of Science, Information Technology, Innovation and the Arts. (2012). *Land Zones of Queensland*. Queensland Government. Available at: ehp.qld.gov.au/assets/documents/plants-animals/ecosystems/land-zones-queensland.pdf. [Accessed 2020].

Department of Science, Information Technology, Innovation and the Arts. (2014). *Queensland Acid Sulfate Soil Technical Manual: Soil Management Guidelines, Version 4.0*. Queensland Government. Available at: publications.qld.gov.au/dataset/cf17fb49-0ea5-4dee-82c9-32e09bf1eab5/resource/6d880993-4b80-45e3-9110-5c24fa7a7e75/fs_download/queensland-ass-management-guideline-2014.pdf. [Accessed 2020].

Department of Science, Information Technology and Innovation and the Arts. (2015a). *Receiving environment monitoring program guideline for use with environmentally relevant activities under the Environmental Protection Act 1994*. Queensland Government. Available at: environment.des.qld.gov.au/__data/assets/pdf_file/0014/90131/era-gl-receiving-environment-monitoring-program.pdf. [Accessed February 2021].

Department of Science, Information Technology and Innovation. (2015b). *Soil conservation guidelines for Queensland*. Queensland Government. Available at: publications.qld.gov.au/dataset/e9116bae-b843-4b61-8050-433898222bd6/resource/b77cbc2a-c5e6-4b69-8b99-b7d1334d5c74/download/soilconguide3eforewordpreface.pdf. [Accessed 2020].

Department of Social Services. (2014). *Home and Community Care Program Minimum Data Set 2013-14 Annual Bulletin*. In: SERVICES, D. O. S. (ed.). Australia: Commonwealth of Australia.

Department of State Development. (2016). *Preparing an environmental impact statement: Guideline for proponents*. . The Coordinator-General, Department of State Development, Infrastructure and Planning, Brisbane, 2015.

Department of State Development. (2017). *Economic Impact Assessment Guideline: April 2017*. Available at: coordinatorgeneral.qld.gov.au/resources/guideline/cg/economic-impact-assessment-guideline.pdf. [Accessed 16 November 2018].

Department of State Development, Infrastructure and Planning (DSDIP). (2013a). *Darling Downs Regional Plan*. Queensland Government. Available at: media2.aponline.com.au/img/media/pdf/dd-rp-chapters-1-to-6.pdf. [Accessed 2020].

Department of State Development, Infrastructure and Planning. (2013b). *Social impact assessment guideline*. Queensland Government. Available at: etheridge.qld.gov.au/downloads/file/323/social-1-pdf. [Accessed 2020].

Department of State Development, Infrastructure and Planning. (2014). *Significant Residual Impact Guidelines for matters of state environmental activities assessable under the Sustainable Planning Act 2009*. Queensland Government.

Department of State Development, Manufacturing, Infrastructure and Planning. (2018a). *Coordinated Projects Current and Completed Projects*. Queensland Government. Available at: statedevelopment.qld.gov.au/assessments-and-approvals/coordinated-projects.html. [Accessed 2020].

Department of State Development, Manufacturing, Infrastructure and Planning. (2018b). *Priority Development Area development applications*. Queensland Government. Available at: dsdmip.qld.gov.au/edq/priority-development-area-development-applications.html. [Accessed 2020].

Department of State Development, Manufacturing, Infrastructure and Planning. (2018c). *State Infrastructure Plan*. Queensland Government. Available at: dsdmip.QLD.gov.au/infrastructure/state-infrastructure-plan.html. [Accessed 2020].

Department of State Development, Manufacturing, Infrastructure and Planning. (2018d). *Social Impact Assessment Guideline*. Queensland Government. Available at: statedevelopment.qld.gov.au/resources/cg/social-impact-assessment-guideline.pdf. [Accessed 2020].

Department of State Development, Manufacturing, Infrastructure and Planning. (2019). *Approved Infrastructure Facilities of Significance*. Queensland Government. Available at: dsdmip.QLD.gov.au/assessments-and-approvals/approved-infrastructure-facilities-of-significance.html. [Accessed 2020].

Department of Sustainability, Environment, Water, Populations and Community. (2011a). *The draft referral guidelines for the Brigalow Belt reptiles*. Commonwealth of Australia. Available at: environment.gov.au/resource/epbc-act-draft-referral-guidelines-nationally-listed-brigalow-belt-reptiles. [Accessed 2020].

Department of Sustainability, Environment, Water, Populations and Community. (2011b). *Survey guidelines for Australia's threatened mammals*. Commonwealth of Australia. Available at: environment.gov.au/resource/survey-guidelines-australias-threatened-mammals-guidelines-detecting-mammals-listed. [Accessed 2020].

Department of Sustainability, Environment, Water, Populations and Community. (2011c). *Survey guidelines for Australia's threatened fish*. Commonwealth of Australia. Available at: environment.gov.au/system/files/resources/6c9817ee-517b-4c13-9d8c-e66a61514f53/files/survey-guidelines-fish.pdf. [Accessed 2020].

Department of Sustainability, Environment, Water, Populations and Community. (2011d). *Survey guidelines for Australia's threatened reptiles*. Commonwealth of Australia. Available at: environment.gov.au/system/files/resources/eba674a5-b220-4ef1-9f3a-b9ff3f08a959/files/survey-guidelines-reptiles.pdf. [Accessed 2020].

Department of Sustainability, Environment, Water, Population and Communities. (2012a). *Construction and Demolition Waste Guide: Recycling and Re-use Across the Supply Chain*. Commonwealth of Australia. Available at: environment.gov.au/system/files/resources/b0ac5ce4-4253-4d2b-b001-0becf84b52b8/files/case-studies.pdf. [Accessed 2020].

Department of Sustainability, Environment, Water, Population and Communities. (2012b). *Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy*. Australian Government, Canberra. Available at: environment.gov.au/system/files/resources/12630bb4-2c10-4c8e-815f-2d7862bf87e7/files/offsets-policy_2.pdf. [Accessed December 2019].

Department of Transport. (1989). *Calculation of Road Traffic Noise*. Available at: programmeofficers.co.uk/Preston/CoreDocuments/LCC389.pdf [Accessed 2020].

Department of Transport and Main Roads. (2009). *Road traffic air quality management manual: a guide to the air quality aspects of the planning, design, operation and maintenance of road infrastructure*. Queensland Government.

Department of Transport and Main Roads. (2010). *Fauna Sensitive Road Design Manual*. Queensland Government. Available at: tmr.qld.gov.au/business-industry/Technical-standards-publications/Fauna-Sensitive-Road-Design-Volume-2. [Accessed 2020].

Department of Transport and Main Roads. (2012a). *Queensland Level Crossing Safety Strategy 2012-2021*. Queensland Government. Available at: tmr.qld.gov.au/-/media/Safety/railsafety/QueenslandLevelCrossingSafetyStrategy2012to2021.pdf. [Accessed 2020].

Department of Transport and Main Roads. (2012b). *Traffic and Road Use Management Manual: Volume 7 – Road Works*. Available at: aapaqtmr.org/SAR20131211/Ref_docs/08-TRUM-volume_7_complete_Nov2013.pdf.

Department of Transport and Main Roads. (2013a). *Road Landscape Manual*. Queensland Government. Available at: tmr.qld.gov.au/business-industry/Technical-standards-publications/Road-landscape-manual.aspx. [Accessed 2020].

Department of Transport and Main Roads. (2013b). *Road Traffic Noise Management: Code of Practice Volume 1*. Queensland Government. Available at: tmr.qld.gov.au/business-industry/Technical-standards-publications/Transport-noise-management-code-of-practice.aspx. [Accessed 2020].

Department of Transport and Main Roads. (2013c). *Guideline for Excess Dimension in Queensland, Version 8*. Queensland Government. Available at: [qta.com.au/resources/Documents/Road%20Safety/Revised%20version%20Excess%20Dimension%20Form%204%20guidelines%20-%20February%202013%20\(1\).pdf](http://qta.com.au/resources/Documents/Road%20Safety/Revised%20version%20Excess%20Dimension%20Form%204%20guidelines%20-%20February%202013%20(1).pdf). [Accessed 2020].

Department of Transport and Main Roads. (2013d). *Bridge Scour Manual*. Queensland Government. Available at: tmr.qld.gov.au/business-industry/Technical-standards-publications/Bridge-scour-manual. [Accessed 2020].

Department of Transport and Main Roads. (2013e). *Policy for Development on Land Affected by Environmental Emissions from Transport and Transport Infrastructure*. Department of Transport and Main Roads. Brisbane. Queensland.

Department of Transport and Main Roads. (2015a). *Transport Noise Management: Code of Practice Volume 2*. Queensland Government. Available at: tmr.qld.gov.au/business-industry/Technical-standards-publications/Transport-noise-management-code-of-practice.aspx. [Accessed 2020].

Department of Transport and Main Roads. (2015b). *Guide to Development in a Transport Environment: Rail*. Queensland Government. Available at: tmr.qld.gov.au/-/media/busind/techstdpubs/Rail/guide-for-dev-in-railway/Guidetodevelopmentinatransportenvironment_rail_june2015.pdf?la=en. [Accessed 2020].

Department of Transport and Main Roads. (2015c). *Safer Roads, Safer Queensland: Queensland's Road Safety Strategy 2015-21*. Available at: tmr.qld.gov.au/-/media/Safety/roadsafety/Strategy-and-action-plans/roadsafetystrategy201521.pdf?la=en. [Accessed 2020].

Department of Transport and Main Roads. (2017a). *Guide to Traffic Impact Assessment*. Queensland Government. Available at: tmr.qld.gov.au/business-industry/Technical-standards-publications/Guide-to-Traffic-Impact-Assessment. [Accessed 2020].

Department of Transport and Main Roads. (2017b). *Australian Level Crossing Assessment Model*. Queensland Government. Available at: tmr.qld.gov.au/Travel-and-transport/Rail/Level-crossings/ALCAM. [Accessed 2020].

Department of Transport and Main Roads. (2017c). *Transport Coordination Plan 2017--2027*. Queensland Government. Available at: tmr.qld.gov.au/About-us/Corporate-information/Publications/Transport-Coordination-Plan. [Accessed 2020].

Department of Transport and Main Roads. (2018). *Draft South East Queensland Draft Regional Transport Plan*. Available at: tmr.qld.gov.au/regionaltransportplans. [Accessed March 2020].

Department of Transport and Main Roads. (2019a). *Queensland Freight Strategy*. Queensland Government. Available at: tmr.qld.gov.au/business-industry/Transport-sectors/Freight/Queensland-freight-strategy-advancing-freight. [Accessed 2020].

Department of Transport and Main Roads. (2019b). *Darling Downs Regional Transport Plan*. Queensland Government. Available at: tmr.qld.gov.au/regionaltransportplans. [Accessed 2020].

Department of Transport and Main Roads. (2019c). *Toowoomba Bypass*. Queensland Government. Available at: tmr.qld.gov.au/Projects/Name/T/Toowoomba-Second-Range-Crossing.aspx. [Accessed January 2019].

Department of Transport and Main Roads. (2019d) *Queensland Manual of Uniform Traffic Control Devices Part 3: Traffic Control for Works on Roads*. Available at: tmr.qld.gov.au/business-industry/Technical-standards-publications/Manual-of-uniform-traffic-control-devices.aspx.

Department of Transport and Main Roads. (2019e). *Queensland Manual of Uniform Traffic Control Devices – Part 7: Railway crossings*. Queensland Government. Available at: tmr.qld.gov.au/-/media/busind/techstdpubs/Traffic-management/Manual-of-Uniform-Traffic-Control-Devices/MUTCD-Pt-7-Railway-Crossings.pdf?la=en. [Accessed 2020].

Department of Transport and Main Roads. (2019f). *Transport Noise Management Code of Practice Volume 3: Interim Guideline – Operational Railway noise and vibration*. Queensland Government. Available at: tmr.qld.gov.au/business-industry/Technical-standards-publications/Transport-noise-management-code-of-practice.aspx. [Accessed 2020].

Department of Transport and Main Roads. (2020). *Soil Management Manual*. Queensland Government.

Department of Transportation. (2001). Evaluating scour at bridges, 4th edition. *Hydraulic Engineering Circular*, no.18. United States of America Federal Government. Available at: fhwa.dot.gov/engineering/hydraulics/pubs/hec/hec18.pdf. [Accessed 2020].

Department of Transportation. (2006). Hydraulic design of energy dissipators for culverts and channels, 3rd edition. *Hydraulic engineering circular*, no. 14. United States of America Federal Government. Available at: fhwa.dot.gov/engineering/hydraulics/pubs/06086/hec14.pdf. [Accessed 2020].

Ernst & Young. (2006). *North-South Rail Corridor Study Executive Report*. Queensland Government. Available at: investment.infrastructure.gov.au/files/north_south_rail_corridor_study/executive_report.pdf. [Accessed 2020].

Department of Urban Affairs and Planning. (2001). *Crime Prevention and the Assessment of Development Applications*. NSW Government. Available at: police.nsw.gov.au/__data/assets/pdf_file/0003/9390/duapguide_s79c.pdf. [Accessed 2020].

Deutsches Institut für Normung. (1999). *DIN 4150: Part 3 1999 Structural Vibration in Buildings - Effects on Structures*, Berlin: DIN.

Doley, D. (2003). *Effects of mineral dust on vegetation: a review of literature and model calculations*. Brisbane: Report prepared for Sinclair Knight Merz.

Doody, J. S., West, P., Stapley, J., Welsh, M., Tucker, A., Guarino, ... Jones, A. (2003). Fauna by-catch in pipeline trenches: conservation, animal ethics, and current practices in Australia. *Australian Zoologist*, 32, pp. 410–419.

Dudgeon, J.M. (1982). *Stratigraphy and palaeobotany of east and west Haldon, Main Range, Southeast Queensland*, 10(2). Department of Geology, The University of Queensland.

Duiker, S.W. (2005). *Effects of Soil Compaction*, College of Agricultural Sciences, Available at: pubs.cas.psu.edu/FreePubs/pdfs/uc188.pdf. [Accessed 2020].

E

Ecological Australia. (2019a). *Protected Plants Flora Survey Report – Gowrie Helidon*. Extended Geotechnical Program – Inland Rail. Report prepared for ARTC, 29 May 2019.

Ecological Australia. (2019b). *Gowrie to Helidon Pre-clearance Survey Report*. Extended Geotechnical Program – Inland Rail. Report prepared for ARTC, 30 July 2019.

EMM Consulting (EMM). (2018a). *Inland Rail – Gowrie to Kagaru. Geotechnical investigations. Matters of National Environmental Significance assessment report*. Report prepared for Australian Rail Track Corporation July 2018.

- EMM Consulting. (2018b). *Pre-clearance ecology survey report - geotechnical investigation sites on road reserves*. Report prepared for ARTC, 2 October 2018.
- EMM Consulting. (2018c). *Pre-clearance ecology survey report - geotechnical investigation sites within rail corridor*. Report prepared for ARTC, 6 December 2018.
- EMM Consulting. (2019a). *Protected plants survey report, clearing exemption notifications for Toowoomba Range*. Report prepared for Australian Rail Track Corporation July 2019.
- EMM Consulting. (2019b). *Protected Plants Survey Report Clearing exemption notification Gowrie to Kagaru Round 1, 2019*. Report prepared for ARTC, July 2019.
- EMM Consulting. (2019c). *Protected Plants Survey Report Clearing exemption notification Gowrie to Kagaru Round 2, 2019*. Report prepared for ARTC, July 2019.
- EMM Consulting. (2019d). *Ecology Pre-clearance Report - Geotechnical investigation sites*. Report prepared for ARTC, June 2019.
- Engineers Australia. (2014). *Australian Rainfall and Runoff Discussion Paper: An interim guideline for considering climate change in rainfall and runoff (Draft)*. Available at: arr.ga.gov.au/__data/assets/pdf_file/0011/40412/Draft_ARR_interim_guidance_Format.pdf. [Accessed 2020].
- Environment Protection Authority. (2014). *Waste Classification Guidelines – Part 1: Classifying Waste*. NSW Government. Available at: epa.nsw.gov.au/-/media/epa/corporate-site/resources/wasteregulation/140796-classify-waste.pdf?la=en&hash=604056398F558C9DB6818E7B1CAC777E17E78233. [Accessed 2020].
- Environment Protection Authority. (2019). *Non-road-diesel-marine-emissions*. NSW Government. Available at: epa.nsw.gov.au/your-environment/air/non-road-diesel-marine-emissions. [Accessed 2020].
- Environment Protection and Heritage Council and the Natural Resource Management Ministerial Council. (2011). *National guidance for the management of acid sulfate soils in inland aquatic ecosystems*. Available at: waterquality.gov.au/media/123. [Accessed 2020].
- European Monitoring and Evaluation Program/European Environmental Authority. (2016a). *EMEP/EEA air pollutant emission inventory guidebook 2016: 1.A.3.c Railways 2016*. European Environment Agency. Luxembourg: Publications Office of the European Union.
- European Monitoring and Evaluation Program/European Environmental Authority. (2016b). *EMEP/EEA air pollutant emission inventory guidebook 2016: 1.A.3.b.iii Heavy-duty vehicles including buses*. European Environment Agency. Luxembourg: Publications Office of the European Union.
- Esri. (2018). *Digital Globe*. Available at: esri.com/en-us/arcgis/products/arcgis-online/overview. [Accessed 2020].
- Esri. (2019). *Digital Globe*. Available at: esri.com/en-us/arcgis/products/arcgis-online/overview. [Accessed 2020].
- Eyre TJ, Ferguson DJ, Hourigan CL, Smith GC, Mathieson MT, Kelly, AL, Venz MF, Hogan, LD & Rowland, J. (2018). *Terrestrial Vertebrate Fauna Survey Assessment Guidelines for Queensland*. Department of Environment and Science, Queensland Government. Available at: qld.gov.au/environment/plants-animals/biodiversity/vertebrate-survey. [Accessed 2020].

F

- Fahrig, L. (2002). Effect of habitat fragmentation on the extinction threshold: a synthesis. *Ecological Applications*, 12(2), pp. 346–353.
- Farmer, A.M. (1993). 'The Effect of Dust on Vegetation: a Review.' *Environmental Pollution*, 79, pp. 63–75.
- Federal Railroad Administration. (2012). *High-Speed Ground Transportation Noise and Vibration Impact Assessment*
- Fielder D.P, Davidson W & Barratt P.J. (2011). *Aquatic Conservation Assessments (ACA), using AquaBAMM, for the wetlands of the Queensland Murray–Darling Basin*. Department of Environment and Resource Management, Queensland Government. Available at: wetlandinfo.des.qld.gov.au/wetlands/assessment/assessment-methods/aca/queensland-murray-darling.html. [Accessed 2020].

Fitzpatrick, R.W., McKenzie, N. and Maschmedt, D.J. (1999). *Soil morphological indicators and their importance to soil fertility in Soil Analysis: an Interpretation Manual*, (eds) K.T. Peverill, L.A. Sparrow and D.J. Reuter, CSIRO Publishing, Collingwood, Victoria.

Forest Images. (2002). *Scenic Amenity of the Lockyer: A community resource for the enjoyment of current and future generations*. Available at: lockyervalley.qld.gov.au/our-services/strategic-planning/Documents/Planning%20Studies/Scenic%20Amenity%20Study%202002.pdf. [Accessed 2020].

Forman, R.T.T., Sperling, D., Bissonette, J.A., Clevenger, A.P., Cutshall, C.D., Dale, V.H., ... & Winter, T.C. (2000). *Road Ecology*. Science and Solutions. Island Press, Washington.

Furrer, R.D, and Pasinelli, G. (2016). Empirical evidence for source-sink populations: a review on occurrence, assessments and implications. *Biological Reviews of the Cambridge Philosophical Society*, 91, pp. 782–795.

G

Gallant, J.C. and Dowling, T.I. (2003). *A multiresolution index of valley bottom flatness for mapping depositional areas*. CSIRO Land and Water, Canberra.

Geoscience Australia. (2009). *Groundwater Sampling and Analysis – A Field Guide*. Department of Resources, Energy and Tourism. Available at: [ga.gov.au/webtemp/image_cache/GA15501.pdf](https://www.ga.gov.au/webtemp/image_cache/GA15501.pdf). [Accessed 2020].

Geoscience Australia. (2019a). *Bushfire Community Safety*. Available at: [ga.gov.au/scientific-topics/community-safety/bushfire](https://www.ga.gov.au/scientific-topics/community-safety/bushfire) [Accessed 2020].

Geoscience Australia. (2019b) *Flood Community Safety*. Available at: <https://www.ga.gov.au/scientific-topics/community-safety/flood> [Accessed 2020]

Ghent, C. (2018). Mitigating the effects of transport infrastructure development on ecosystems. *Consilience: The Journal of Sustainable Development*, 18(1), pp. 58–68.

Godwin, L. (2011). The application of assessment of cumulative impacts in cultural heritage management: a critique. *Australian Archaeology*, 73. pp. 88–91.

Golder. (2020a). Gowrie to Helidon Hydrogeological Interpretive Report. 100% Feasibility Design Stage. Golder Associates Pty Ltd. Prepared for FFJV, dated 14 October 2020.

Golder. (2020b). Geotechnical Factual Report Inland Rail Project – Gowrie to Helidon Section 320. Golder Associates Pty Ltd. Prepared for FFJV, dated 25 March 2020.

Golder. (2020c). Geotechnical Factual Report G2K Geotechnical Data Collection project. Gowrie to Helidon (G2H), Section 320 ARTC Ref 2-4002-320-IGE-00-RP-0001. Golder Associates Pty Ltd. Prepared for ARTC, dated 28 February 2020.

Golder. (2020d). Summary Factual Report of Hydraulic Tests Toowoomba Tunnel Alignment.. Golder Associates Pty Ltd. Prepared for ARTC, dated 17 August 2020.

Great Britain Railway Inspectorate. (1996). *Rail safety principles and guidance*. HSE Books: Sudbury. ISBN: 0717609499.

H

Haack. (1991). Water Leakages in Subsurface Facilities: Required Watertightness, Contractual Matters, and Methods of Redevelopment. *Tunnelling and Underground Space Technology*, 6, pp 273–282.

Harms, B.P & Noble, K.E. (1996). *Understanding and Managing Soils in the Moreton Region*. Training Series QE96003. Department of Primary Industries. Queensland Government.

Harris, P. S., Biggs, A. J. W. & Coutts, A. J. (1999). *Central Darling Downs Land Management Field Manual*. Department of Natural Resources, Queensland Government.

Healthy Land and Water. (2019). *Litter in our waters*. Available at: hlw.org.au/download-topic/waterways/litter-in-our-waterways/. [Accessed 2020].

Hendrix, M. (2009). Naturally occurring asbestos in eastern Australia: a review of geological occurrences, disturbance and mesothelioma risk. *Environmental Geology*, 57, p.909–926. Available at: doi.org/10.1007/s00254-008-1370-5.

Hicks, W.S., Bowman, G.M. & Fitzpatrick, R.W. (1999). *Environmental Impact of Acid Sulfate Soils Near Cairns, QLD*. Commonwealth Scientific and Industrial Research Organisation. Available at: clw.csiro.au/publications/technical99/tr15-99.pdf. [Accessed 2020].

Houghton, P.D. and Charman, P.E.V. (1986). *Glossary of Terms under in Soil Conservation*. Soil Conservation Service of New South Wales.

I

International Association of Public Participation (IAP2). (2013). IAP2 Public Participation Spectrum. Available at: iap2.org.au/wp-content/uploads/2020/01/2018_IAP2_Spectrum.pdf. [Accessed September 2018].

Infrastructure Australia. (2015). *Australian Infrastructure Audit*. Available at: infrastructureaustralia.gov.au/publications/australian-infrastructure-audit-2015. [Accessed 2020].

Infrastructure Australia. (2016). *Australian Infrastructure Plan: Priorities and reforms for our nation's future*. ISBN: 978-1-925352-07-8.

Infrastructure Australia. (2018). Assessment Framework. Available at: infrastructureaustralia.gov.au/sites/default/files/2019-06/infrastructure_australia_assessment_framework_2018.pdf. [Accessed 13 May 2019].

Infrastructure Sustainability Council of Australia. (2016a). *Infrastructure Sustainability Planning Guidelines*. Sydney: Australia: Infrastructure Sustainability Council of Australia.

Infrastructure Sustainability Council of Australia. (2016b). *IS Technical Manual version 1.2*. Available at: isca.org.au/getmedia/0bbf4395-1a27-490c-bfdc-3789aa091af8/ISTechnicalManual_v1-2_Nov18.pdf.aspx. [Accessed 2020].

Inland Rail Implementation Group. (2015). *Melbourne-Brisbane Inland Rail Implementation Group Report*. Available at: inlandrail.gov.au/sites/default/files/documents/inland-rail-implementation-group-report_0915.pdf. [Accessed 2020].

InterLinkSQ. (2021). *InterLinkSQ* Available at: interlinksq.com.au/. [Accessed 2021].

International Council on Monuments and Sites. (2011). *Guidance on Heritage Impact Assessments for Cultural World Heritage Places*. Paris.

International Council on Monuments and Sites Australia. (2013). *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance*. Burwood. Victoria. Victoria: Australia ICOMOS.

International Erosion Control Association. (2008). *Best Practice Erosion and Sediment Control Document*. Available at: austieca.com.au/publications/best-practice-erosion-and-sediment-control-bpesc-document. [Accessed 2020].

International Organization for Standardization. (1996). *ISO 9613-2:1996 Acoustics — Attenuation of sound during propagation outdoors — Part 2: General method of calculation*. ISO international.

International Organization for Standardization. (2005). *ISO 148327-1 2005 Mechanical vibration – Ground-borne noise and vibration arising from rail systems – Part 1 General guidance*. ISO International.

International Organization for Standardization. (2018). *ISO 31000:2018 Risk management – Guidelines*. ISO International.

Ipswich City Council. (2006). *Ipswich Planning Scheme 2006*. Available at: ipswichplanning.com.au/planning-documents/planning-scheme#scheme. [Accessed 2020].

Ipswich City Council. (2016). *City of Ipswich Transport Plan*. Available at: ipswich.qld.gov.au/__data/assets/pdf_file/0017/120491/iGO-City-of-Ipswich-Transport-Plan.pdf. [Accessed 2020].

Ireson, R., Germer, M., & Schmid, L. (2005). *Development of detailed railyard emissions to capture activity, technology, and operational changes*. U.S. EPA 14th Annual International Emission Inventory Conference, April 11–14. Las Vegas, NV.

Isbell, R and National Committee on Soil and Terrain. (2016). *The Australian Soil Classification, 2nd edition*. Commonwealth Scientific and Industrial Research Organisation.

J

Jacobs. (2016). *Lockyer Valley Flood Model Update Stage 2*. Lockyer Valley Regional Council.

Jain, P., Naithani, A.K. & Singh, T.N. (2013). Performance characteristics of tunnel boring machine in basalt and pyroclastic rocks of Deccan traps – a case study. *Journal of Rock Mechanics and Geotechnical Engineering*, 11(003).

Jobs Queensland. (2019). *Positive Futures: apprenticeships and traineeships in Queensland*. Available at: jobsqueensland.qld.gov.au/projects/positive-futures/. [Accessed 2020].

K

Kutt, A.S., Vanderduys, E.P., Ferguson, D. & Mathieson, M. (2012). Effect of small-scale woodland clearing and thinning on vertebrate fauna in a largely intact tropical savanna mosaic. *Wildlife Research*, 39(4), pp. 366–373.

Koehn, J. and Clunie, P. (2010). *National Recovery Plan for the Murray Cod *Maccullochella peelii peelii**. Victorian Government Department of Sustainability and Environment (DSE). Melbourne. Available at: environment.gov.au/system/files/resources/bcc0fbf6-279b-4c52-88c5-42ce4d44b864/files/murray-cod.pdf. [Accessed 2020].

L

Lobb, D. (2011). Understanding and managing the causes of soil variability. *Journal of Soil and Water Conservation*, 66.

Lockyer Valley Information Centre. (2019). *Lockyer Valley Visitor Information Centre*, Welcome to our region. Available at: luyvalockyer.com.au/. [Accessed 2020].

Lockyer Valley Regional Council. (n.d.). *Draft Lockyer Valley Regional Council Planning Scheme – Priority Infrastructure Plan*. Available at: lockyervalley.qld.gov.au/our-services/strategic-planning/Pages/Planning-Schemes.aspx. [Accessed 2020].

Lockyer Valley Regional Council. (2003). *Laidley Shire Planning Scheme*. Available at: lockyervalley.qld.gov.au/our-services/strategic-planning/Pages/Planning-Schemes.aspx. [Accessed 2020].

Lockyer Valley Regional Council. (2007). *Gatton Planning Scheme*. Available at: lockyervalley.qld.gov.au/our-services/strategic-planning/Documents/Planning%20Schemes/Gatton%20Planning%20Scheme%20with%20LGIP%2020180627.pdf. [Accessed 2021].

Lockyer Valley Regional Council. (2013). *Lockyer Valley Regional Council Pest Management Plan 2013-2017*. Available at: <https://www.lockyervalley.qld.gov.au/our-services/environment-and-pest-management/Documents/Lockyer%20Valley%20Regional%20Council%20Pest%20Management%20Plan%202013-2017.pdf> [Accessed 2021].

Lockyer Valley Regional Council. (2016). *Lockyer Valley Catchment Action Plan 2015-2018*. Resilient Rivers Initiative. Available at: lockyervalley.qld.gov.au/our-services/environment-and-pest-management/Documents/Lockyer%20CAP_final.pdf. [Accessed 2021].

Lockyer Valley Regional Council. (2017a). *Lockyer-Our Valley, Our Vision – Community Plan 2017-2027*. Available at: lockyervalley.qld.gov.au/our-services/strategic-planning/Pages/Planning-Schemes.aspx. [Accessed 2021].

Lockyer Valley Regional Council. (2017b). *Local Disaster Management Plan*. Available at: lockyervalley.qld.gov.au/our-services/disaster-management/Pages/default.aspx. [Accessed 2020].

Lockyer Valley Regional Council. (2017c). *Sport and Recreation Plan*. Available at: lockyervalley.qld.gov.au/our-council/publications/sport-and-recreation-plan/Pages/default.aspx. [Accessed 2020].

Lockyer Valley Regional Council. (2018). *Lockyer Valley Regional Council Local Government Infrastructure Plan*. Available from: <https://www.lockyervalley.qld.gov.au/our-services/strategic-planning/Pages/Planning-Schemes.aspx>. [Accessed 2020]

Lockyer Valley Regional Council (2019). *Lockyer Valley Adopted Infrastructure Charges Resolution*. Available at: lockyervalley.qld.gov.au/our-services/strategic-planning/Pages/Planning-Schemes.aspx. [Accessed 2020].

Longley, I. (2014). *Criteria for in-tunnel and ambient air quality, Report TP11*. Advisory Committee on Tunnel Air Quality. NSW Government.

Loyn, R.H., Runnalls, R.G., Forward, G.Y. & Tyers, J. (1983). Territorial bell miners and other birds affecting populations of insect prey. *Science*, 221, pp. 1411–1413.

Lucas, S., Coombes, P., Planner, J., & Welchman, S. (2009). Rainfall harvesting and coal dust: the potential health impacts of trace elements in coal dust in rainwater. *Air Quality and Climate Change*, 43(2), pp. 23–30.

M

Marsh, H., Dennis, A., Hines, H., Kutt, A., McDonald, K., Weber, E., Williams, S. & Winter, J. (2007). Optimizing allocation of management resources for wildlife. *Conservation Biology*, 21, pp. 387–399.

Matsuki, M., Gardener, M. R., Smith, A., Howard, R. K. & Gove, A. (2016). Impacts of dust on plant health, survivorship and plant communities in semi-arid environments. *Austral Ecology*, 41(4), pp. 417–427.

McKenzie, N.J., Grundy, M.J., Webster, R. & Ringrose-Voase, A.J. (2008). *Guidelines for Surveying Soil and Land Resources, 2nd edition*. Commonwealth Scientific and Industrial Research Organisation.

Mental Health Australia & KPMG. (2018). *Mental Health Australia and KPMG*. Available at: mhaustralia.org/publication/investing-save-kpmg-and-mental-health-australia-report-may-2018. [Accessed 2020].

Metgasco. (2007). *Casino gas project – hydrogeological assessment, M09388A01.500*. Metgasco Ltd, North Sydney.

Milton, S., Dean, W., Sielecki, L. & van der Ree, R. (2015). *The function and management of roadside vegetation*, in van der Ree, Smith and Grilo, *Handbook of Road Ecology*. Wiley, West Sussex.

Moenting, A.E. and Morris, D.W. (2006). Disturbance and habitat use: is edge more important than area? *Oikos*, 115(1), pp. 23–32.

Mutton, A.J. (Compiler). (2003). *Queensland Coals 14th Edition*. Queensland Department of Natural Resources and Mines. Available at: dnrm.qld.gov.au/?a=267497 [Accessed 2020].

Murray Darling Basin Authority. (2018). Catchments. Australian Government. Available at: mdba.gov.au/discover-basin/catchments. [Accessed 15 January 2020].

My Community Directory. (2019). *My community directory online*. Available at: mycommunitydirectory.com.au/. [Accessed 2020].

N

National Committee on Soil and Terrain. (2009). *Australian Soil and Land Survey Field Handbook, 3rd edition*. Commonwealth Scientific and Industrial Research Organisation.

National Environment Protection Council. (1998a). *National Environment Protection (Ambient Air Quality) Measure*. Commonwealth of Australia. Available at: nepc.gov.au/nepms/ambient-air-quality. [Accessed 2020].

National Environment Protection Council. (1998b). *National Environment Protection (National Pollutant Inventory) Measure*. Available at: nepc.gov.au/nepms/national-pollutant-inventory. [Accessed April 2020].

National Environmental Protection Measure. (2013). *National Environment Protection (Assessment of Site Contamination) Measure 1999: Amendment 1, 2013*. National Environment Protection Council, Canberra.

National Health and Medical Research Council. (2018). *Australian Drinking Water Guidelines Paper 6: National Water Quality Management Strategy*. National Resource Management Ministerial Council, National Health and Medical Research Council. Canberra: Commonwealth of Australia.

National Level Crossing Safety Committee. (2017). *National Railway Level Crossing Safety Strategy 2017–2020*. Available at: tmr.qld.gov.au/-/media/Safety/railsafety/nrlcsc-strategy-2017-2020.pdf. [Accessed April 2020].

National Pollutant Inventory. (2008). *Emission estimation technique manual for Railway Yard Operations*. Commonwealth of Australia. Available at: cwm.unitar.org/publications/publications/cbl/prtr/pdf/cat5/Australia_frailway.pdf. [Accessed 2020].

National Pollutant Inventory. (2012). *Emission Estimation Technique Manual for Mining Version 3.1*. Commonwealth of Australia. Australia at: npi.gov.au/resource/emission-estimation-technique-manual-mining.

National Transport Commission. (2008). *National Rail Safety Guideline: Compliance and Enforcement for Rail Safety*. Available at: onrsr.com.au/operators/compliance-and-enforcement. [Accessed 2020].

National Transport Commission. (2017). *National Standard for Health Assessment of Rail Safety Workers*. Available at: ntc.gov.au/sites/default/files/assets/files/National-Standard-for-Health-Assessment-of-Rail-Safety-Workers-2017.pdf. [Accessed June 2019].

National Transport Commission. (2018). *Australian Code for the Transport of Dangerous Goods by Road & Rail*. Available at: ntc.gov.au/sites/default/files/assets/files/Australian-Code-for-the-Transport-of-Dangerous-Goods-by-Road%26Rail-7.6.pdf. [Accessed 2020].

CSIRO

Neldner, V.J., Wilson, B.A., Dillewaard, H.A., Ryan, T.S., Butler, D.W., McDonald, W.J.F., Addicott, E.P. & Appelman, C.N. (2019). *Methodology for survey and mapping of regional ecosystems and vegetation communities in Queensland, Version 5.0*. Department of Environment and Science, Queensland Government. Available at: publications.qld.gov.au/dataset/redd/resource/6dee78ab-c12c-4692-9842-b7257c2511e4. [Accessed 2020].

New South Wales Environmental Protection Authority. (2016). *Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales*. NSW Government. Available at: epa.nsw.gov.au/-/media/epa/corporate-site/resources/air/approved-methods-for-modelling-and-assessment-of-air-pollutants-in-nsw-160666.pdf. [Accessed 2020].

New South Wales Health. (2009). *Healthy Urban Development Checklist*. New South Wales Government. Available at: health.nsw.gov.au/urbanhealth/Publications/healthy-urban-dev-check.pdf. [Accessed 2020].

New South Wales Office of Environment and Heritage. (2015). *Urban Green Cover in NSW: Technical Guidelines*. New South Wales Government. Available at: climatechange.environment.nsw.gov.au/Adapting-to-climate-change/Local-government/Resources-and-information. [Accessed 2020].

New South Wales Office of Environment and Heritage. (2018). *Salinity*. New South Wales Government. Available at: environment.nsw.gov.au/topics/land-and-soil/soil-degradation/salinity. [Accessed 2020].

Nguyen, V. U. & Raudkivi, A. J. (1983). Analytical solution for transient two-dimensional unconfined groundwater flow. *Hydrological Sciences Journal* 28(2), 209–219. DOI: 10.1080/02626668309491961.

Northcote, K.H. (1960–68). *Atlas of Australian Soils*. Commonwealth Scientific and Industrial Research Organisation.

O

Oettl, D., Sturm, P., Bacher, M., Pretterhofer, G. & Almbauer, R. (2002). A simple model for the dispersion of pollutants from a road tunnel portal. *Atmos. Environ*, 36, pp. 2943–2953.

Oettl, D., Sturm, P., Pretterhofer, G., Bacher, M., Rodler, J., & Almbauer, R. (2003). Langrangian dispersion modelling of vehicular emissions from a highway in complex terrain. *J. of the Air and Waste Management Association*, 53, pp. 1233–1240.

Oettl, D., Goulart, A., Degrazia, G., & Anfossi, D. (2005). A new hypothesis on meandering atmospheric flows in low wind speed conditions. *Atmos. Environ*, 39, pp. 1739–1749.

Office of Groundwater Impact Assessment (OGIA). (2019). *Underground water impact report (UWIR) for the Surat Cumulative Management Area*. Queensland Government. Available at: resources.qld.gov.au/__data/assets/pdf_file/0019/1461241/uwir-full-report.pdf. [Accessed 2020].

Office of the National Rail Safety Regulator. (2016). *ONRSR Guideline: Meaning of duty to ensure safety so far as is reasonably practicable*. Available at: onrsr.com.au/__data/assets/pdf_file/0009/2412/Guideline-Meaning-of-Duty-to-Ensure-Safety-SFAIRP.pdf.

Office of the National Rail Safety Regulator. (2019a). *Guideline: Safety Management System*. Available at: onrsr.com.au/__data/assets/pdf_file/0015/1923/Guideline-Safety-Management-System.pdf. [Accessed 2020].

Office of the National Rail Safety Regulator. (2019b). *Rail Safety Report 2018-2019*. Available at: onrsr.com.au/__data/assets/pdf_file/0004/25663/ONRSR-Safety-Report-2018-2019.pdf. [Accessed 2020].

Office of the National Rail Safety Regulator. (2020). *Rail Safety Report 2019-2020*. Available at: onrsr.com.au/__data/assets/pdf_file/0020/26930/ONRSR-2019-2020-Rail-Safety-Report.pdf. [Accessed 2020].

Oli, M.K. (2004). The fast-slow continuum and mammalian life-history patterns: an empirical evaluation. *Basic and Applied Ecology*, 5, pp. 449–63.

Ottburg, F & Blank, M. (2015). *Solutions to the impacts of roads and other barriers on fish and fish habitat*, in van der Ree, Smith and Grilo, *Handbook of Road Ecology*. Wiley, West Sussex.

P

Perry, G., Buchanan, B.W., Fisher, R.N., Salmon, M. & Wise, S.E. (2008). *Effects of artificial night lighting on amphibians and reptiles in urban environments*. JC Mitchell, RE Jung Brown and B Bartholomew (eds.). Herpetological Conservation Society for the Study of Amphibians and Reptiles.

Productivity Commission. (2014). *Geographic Labour Mobility Research Report*. Canberra.

Q

Queensland Government. (2013). *Train transport package a win for rural Queensland*. Queensland Government. Available at: statements.qld.gov.au/statements/72276. [Accessed 2020].

Queensland Government. (2016a). *Skilling Queenslanders for Work*. Queensland Government. Available at: qld.gov.au/education/training/subsidies/pages/skilling-queenslanders-for-work. [Accessed 2020].

Queensland Government. (2016b). *Back to Work Initiatives*. Available at: backtowork.initiatives.qld.gov.au/. [Accessed 2020].

Queensland Government. (2016c). *Soil sodicity*. Available at: qld.gov.au/environment/land/management/soil/soil-properties/sodicity. [Accessed 2020].

Queensland Government. (2016d). *Impacts of erosion*. Available at: qld.gov.au/environment/land/management/soil/erosion/impacts. [Accessed 2020].

Queensland Government. (2016e). *Q fever notifications in Queensland, 2016*. Available at: health.qld.gov.au/__data/assets/pdf_file/0026/936350/q-fever-qld-2016.pdf. [Accessed May 2021].

Queensland Government. (2017). *Guideline Bore assessments*. Available at publications.qld.gov.au/dataset/05c87bc5-6048-4767-85c8-36e660c38b1d/resource/7a4062a0-af29-40b4-bec8-a88c2ab0fb51/download/sn-l51-salinity-in-queensland.pdf. [Accessed 2021].

Queensland Government. (2018). *Salinity in Queensland. Land Series L51*. Available at: <https://www.publications.qld.gov.au/dataset/05c87bc5-6048-4767-85c8-36e660c38b1d/resource/7a4062a0-af29-40b4-bec8-a88c2ab0fb51/download/sn-l51-salinity-in-queensland.pdf>. [Accessed 2020].

Queensland Government. (2019a). *Biodiversity Planning Assessment (BPA) mapping*. Available at: qldspatial.information.qld.gov.au/catalogue/custom/index.page. [Accessed 2020].

Queensland Government. (2019b). *Regulated Vegetation Management Map*. Available at: qldspatial.information.qld.gov.au/catalogue/custom/index.page. [Accessed 2020].

Queensland Government. (2019c). *Queensland waterways for waterway barrier works*. Available at: qldspatial.information.qld.gov.au/catalogue/custom/index.page. [Accessed 2020].

Queensland Government. (2019d). *Datasets – Data – Queensland Government*. Available at: data.qld.gov.au/dataset?groups=public-safety&_res_format_limit=0&page=2. [Accessed 2020].

Queensland Government. (2019e). *Early Childhood Education and Care*. Available at: earlychildhood.qld.gov.au/. [Accessed 2020].

Queensland Government. (2019f). *School kilometric bus routes - Queensland – Datasets*. Available at: data.qld.gov.au/dataset/school-kilometric-bus-routes-queensland. [Accessed 2020].

Queensland Government. (2020a). *Queensland Land Use Program – State-wide land use map*. Available at: qld.gov.au/environment/land/management/mapping/statewide-monitoring/qlump/gallery/qlump-map. [Accessed 19 August 2020].

Queensland Government. (2020b). *SALI - Soil Survey Sites*. Available at: qld.gov.au/environment/land/management/soil/soil-data/mapping. [Accessed 2020].

Queensland Health. (2017). *The burden of disease and injury in Queensland's Aboriginal and Torres Strait Islander people 2017*. Available at: health.qld.gov.au/__data/assets/pdf_file/0024/660840/BoD-MainReport-FINAL.pdf. [Accessed 2020].

Queensland Rail. (2013). *Civil Engineering Technical Requirement CIVIL-SR-016 Services Under Railway Property (Non-Queensland Rail Services)*. Available at: queenslandrail.com.au/business/access/Documents/ThirdPartyAccess/CIVIL-SR-016%20Aug13%20Rev5.pdf. [Accessed 2020].

Queensland Rail. (2016a). *Civil Engineering Technical Requirement CIVIL-SR-002 Work in and around Queensland Rail Property*. Available at: queenslandrail.com.au/business/access/Documents/ThirdPartyAccess/CIVIL-SR-002.pdf. [Accessed 2020].

Queensland Rail. (2016b). *West Moreton System Information Pack – Issue 3.1 – October 2016*. Available at: queenslandrail.com.au/business/access/Documents/West%20Moreton%20System%20Information%20Pack%20-%20Issue%203.1%20-%20October%202016.pdf. [Accessed 2020].

Queensland Rail. (2020a). *Queensland Rail Strategic Plan FY2020-2024*. Available at: queenslandrail.com.au/about%20us/Documents/Queensland%20Rail%20FY2020-24%20Strategic%20Plan.pdf. [Accessed 2021].

Queensland Rail. (2020b). *Toowoomba Range Clearance Upgrade*. Available at: queenslandrail.com.au/Community/Projects/Pages/Toowoomba-Range-Clearance-Upgrade.aspx. [Accessed 2020].

Queensland Rail. (2021). *Level Crossing Safety*. Available at: queenslandrail.com.au/forcustomers/safetysecurity/levelcrossings. [Accessed 2021].

Queensland Rail and Queensland Transport. (2003). *Gowrie to Grandchester Rail Corridor Study*. Queensland Government. Available at: tmr.qld.gov.au/Projects/Name/G/Gowrie-to-Grandchester-Rail-Corridor-Study. [Accessed 2020].

Queensland Reconstruction Authority. (2011). *Rebuilding Grantham Together – Grantham Reconstruction Area Development Scheme*. Available at: [cabinet.qld.gov.au/documents/2011/apr/declaration%20of%20grantham%20as%20a%20reconstruction%20area/attachments/introduction_-_context_grantham-reconstru\[1\].pdf](https://cabinet.qld.gov.au/documents/2011/apr/declaration%20of%20grantham%20as%20a%20reconstruction%20area/attachments/introduction_-_context_grantham-reconstru[1].pdf). [Accessed 2020].

Queensland Roads. (2008). *Toowoomba Bypass – Range Crossing with Tunnels*. Available at: archive.org/details/qrmr08toowoomba. [Accessed 2020].

Queensland Transport. (2007). *South East Queensland Regional Freight Strategy 2007–2012*. Queensland, Australia: Queensland Transport. Available at: tmr.qld.gov.au/~media/busind/Transport%20sectors/Freight/South%20east%20queensland%20regional%20freight%20network%20strategy/Pdf_seq_regional_freight_network_strategy_2_full_reduced.pdf. [Accessed May 2020].

Queensland Treasury. (2019). *Project Assessment Framework*. Available at: treasury.qld.gov.au/programs-and-policies/project-assessment-framework/. [Accessed May 2020].

R

Radle, A.L. (2007). *Effects of noise on wildlife: a literature review*. Available at: wfae.proscenia.net/library/articles. [Accessed 2020].

Raiber, M., Cui, T., Pagendam, D., Rassam, D., Gilfedder, M., Crosbie, R., Marvanek, S. & Hatcher, M. (2016). *Observation analysis, statistical analysis and interpolation for the Clarence-Moreton bioregion*. Product 2.1-2.2 from the Clarence-Moreton Bioregional Assessment. Department of the Environment and Energy, Bureau of Meteorology, CSIRO and Geoscience Australia, Australia.

Rail Safety and Standards Board. (2016). *Air and Health Impacts of Diesel Emissions (S230), Version 5. Knowledge and Analysis*. Available at: rssb.co.uk/Library/improving-industry-performance/2016-02-health-air-and-health-impacts-of-diesel-emission.pdf. [Accessed 2020].

Rassam, D., Raiber, M., McJannet, D., Janardhanan, S., Murray, J., Gilfedder, M ... & Ahmad, M.E. (2014). *Context for the Clarence-Moreton bioregion*. Product 1.1 from the Clarence-Moreton Bioregional Assessment. Department of the Environment, Bureau of Meteorology, CSIRO and Geoscience Australia, Australia.

Regional Development Australia. (2012). *Darling Downs and South West Roadmap*. Available at: protect-au.mimecast.com/s/VFApCANZZ0srWBo8t8gjsq?domain=app.box.com. [Accessed 2020].

Regional Development Australia. (2018a). *RDA Ipswich and West Moreton Project Status Report 2018*. Available at: rdaiwm.org.au/wp-content/uploads/2020/04/PSR_2018.pdf. [Accessed 2020].

Regional Development Australia. (2018b). *RDA Ipswich and West Moreton Regional Development Plan*. Available at: rdaiwm.org.au/. [Accessed 2020].

- Rich, C. & Longcore, T. (eds.). (2006). *Ecological consequences of artificial night lighting*. Island Press, Washington.
- Roads and Maritime Services. (2002). *Roads and Traffic Authority Guide to Traffic Generating Developments*. New South Wales Government. Available at: rms.nsw.gov.au/business-industry/partners-suppliers/documents/guides-manuals/guide-to-generating-traffic-developments.pdf. [Accessed 2020].
- Roads and Maritime Services. (2012). *Bridge Aesthetics: Design guidelines to improve the appearance of bridges in NSW*. New South Wales Government. Available at: rms.nsw.gov.au/business-industry/partners-suppliers/documents/centre-for-urban-design/bridge-aesthetics-guidelines.pdf. [Accessed 2020].
- Roads and Maritime Services. (2014). *Beyond the Pavement: RTA urban design policy, procedures and design principles*. New South Wales Government. Available at: rms.nsw.gov.au/documents/about/access-to-information/pn204.pdf. [Accessed 2020].
- Roads and Maritime Services. (2018). *Guideline for Landscape Character and Visual Impact Assessment: Environmental Impact Assessment Practice Note EIA-N04*. Available at: rms.nsw.gov.au/business-industry/partners-suppliers/documents/centre-for-urban-design/guideline-landscape-character-and-visual-impact.pdf. [Accessed 2020].
- Roads and Traffic Authority. (2018). *Guideline for Landscape Character and Visual Impact Assessment: Environmental Impact Assessment Practice Note EIA-N04*. New South Wales Government. Available at: rms.nsw.gov.au/business-industry/partners-suppliers/documents/centre-for-urban-design/guideline-landscape-character-and-visual-impact.pdf. [Accessed 2020].
- Roads and Traffic Authority. (2019). *Roads and Maritime Supplement to AS1742.2-2009: Manual of Uniform Traffic Control Devices – Part 2: Traffic control devices for general use –Version 3*. New South Wales Government. Available at: roads-waterways.transport.nsw.gov.au/business-industry/partners-suppliers/documents/guidelines/as1742-p2.pdf. [Accessed 2020].
- Rowden, P., Steinhardt, D. & Sheehan, M. (2008). Road crashes involving animals in Australia. *Accident Analysis and Prevention*, 40(6), pp. 1865–1871.
- Ryan, L; Richards, J; Pascoe, W; Debenham, J; Stephanie G; Anders, RJ ... Newley, J. (2018). *Colonial Frontier Massacres in Eastern Australia 1788 to 1930, v2.1*. Newcastle: University of Newcastle. Available at: hdl.handle.net/1959.13/1340762. [Accessed 30 October 2018]. Funded by ARC: DP 140100399.

S

- Safe Work Australia. (2013). *Guide for Tunnelling Work*. Available at: safeworkaustralia.gov.au/system/files/documents/1702/guide-tunnelling.pdf. [Accessed 2020].
- Safe Work Australia. (2015). *Excavation Work – Code of Practice*. Available at: safeworkaustralia.gov.au/system/files/documents/120151705/mcop-excavation-work-v3.pdf. [Accessed 2020].
- Safe Work Australia. (2017). *Guide for managing the risks of working in heat*. Available at: safeworkaustralia.gov.au/system/files/documents/1902/guide_for_managing_the_risks_of_working_in_heat_1.pdf. [Accessed 2020].
- Safe Work Australia. (2018a). *Model Code of Practice—How to Manage and Control Asbestos in the Workplace*. Available at: safeworkaustralia.gov.au/system/files/documents/2003/model-cop-how-to-manage-asbestos-in-workplace.pdf. [Accessed 2020].
- Safe Work Australia. (2018b). *Model Code of Practice—How to Safely Remove Asbestos*. Available at: safeworkaustralia.gov.au/system/files/documents/1810/model-cop-how-to-safely-remove-asbestos_0.pdf. [Accessed 2020].
- Safe Work Australia. (2018c). *Model Code of Practice: Managing electrical risks in the workplace*. Available at: safeworkaustralia.gov.au/system/files/documents/1810/model-cop-managing-electrical-risks-in-the-workplace.pdf. [Accessed 2020].
- Safe Work Australia. (2019). *Crystalline silica and silicosis*. Available at: safeworkaustralia.gov.au/silica#choosing-the-best-control-measure. [Accessed 2020].
- Santos. (2016). *Gas Fields Significant Species Management Plan*. Available at: santos.com/wp-content/uploads/2020/02/glng-project-significant-species-management-plan-ssmp.pdf. [Accessed 2020].

- Saunders, D. and Tzaros, C. (2011). *National Recovery Plan for the Swift Parrot Lathamus discolor*. Birds Australia, Melbourne.
- Scottish Natural Heritage and The Countryside Agency. (2006). *Topic Paper 6: Techniques and Criteria for Judging Capacity and Sensitivity*. Available at: publications.naturalengland.org.uk/file/5769353077194752. [Accessed 2020].
- Searle, R., Biggs, A., Williams, K. & Bailey, K. (2007). *Condamine Salinity Risk Assessment*. Department of Natural Resources and Water.
- SEQ Catchments. (2009). *Living in the Landscape – The Lockyer Valley: A guide to property and landscape management*. Available at: seqcatchmentsnew.worldsecurystems.com/_literature_215363/Living_in_the_Lockyer. [Accessed 2020].
- Seqwater. (2017). *Development Guidelines for Water Quality Management in Drinking Water Catchments*. Available at: seqwater.com.au/sites/default/files/2019-09/J010591%20Seqwater%20Dev%20Guidelines%20WQM%20July17.pdf. [Accessed 2020].
- SGS Economics and Planning. (2019). *Rental Affordability Index – SGS Economics and Planning*. Available at: sgsep.com.au/publications/rental-affordability-index. [Accessed 2020].
- Shell. (2017). *Anya Significant Species Management Plans 1 to 5*. Available at: shell.com.au/about-us/projects-and-locations/qgc/environment/environment-management/management-plans.html. [Accessed 2020].
- Shaw, R. (2008). *Bio-physical options to prevent, minimise or manage salinity issues in the Lockyer Catchment*. Prepared for Lockyer Valley Regional Council.
- Shell. (2017). *Anya Significant Species Management Plans (Plans 1 to 5)*. Prepared by Shell Australia (17 March).
- Smith, D., van der Ree, R., Rosell, C. (2015). Wildlife crossing structures: an effective strategy to restore or maintain wildlife connectivity across roads. *Handbook of Road Ecology*. Wiley, West Sussex.
- Soil Quality. (2020). *Soil acidity—Queensland*. Available at: soilquality.org.au/factsheets/soil-acidity-qld. [Accessed 2020].
- Soil Science Australia. (2015). *Guidelines for Soil Survey along Linear Features*. Available at: nla.gov.au/nla.obj-1203473164/view. [Accessed 2020].
- Soil Science Society of America. (n.d). *Glossary of Soil Science Terms*. Available at: soils.org/publications/soils-glossary. [Accessed 2020].
- South Australia Environment Protection Authority. (2016). *Evaluation distances for effective air quality and noise management*. South Australian Government. Available at: epa.sa.gov.au/environmental_info/air_quality/assistance_and_advice. [Accessed 2020].
- South East Queensland Food Trails. (2019). *Toowoomba Region*. Available at: seqfoodtrails.com.au/Toowoomba. [Accessed 2020].
- South West Supply Chain. (2019). *Coal Dust Management Plan*. Available at: aurizon.com.au/-/media/project/aurizon/files/sustainability/south-west-system---coal-dust.pdf. [Accessed 2020].
- Spiryagin, M., Wolfs, P., Szanto, F. & Cole, C. (2015). Simplified and advanced modelling of traction control system of heavy haul locomotives. *Vehicle System Dynamics*, 53(3), pp. 672–691.
- Stafford Strategy. (2017). *Lockyer Economic Development Plan 2018–2023*. Available at: lockyervalley.qld.gov.au/our-region/economic-and-regional-development/Documents/Economic%20and%20Development/Lockyer%20Economic%20Development%20Plan%202018%20-2023.pdf. [Accessed 2020].
- Standards Australian. (1989). *AS 3671-1987 – Acoustics – Road traffic noise intrusion – Building siting and construction*. Sydney: Standards Australia.
- Standards Australian. (1997a). *AS 1055.1-1997 – Acoustics – Description and measurement of environmental noise, Part 1: General procedures*. Sydney: Standards Australia.
- Standards Australia. (1997b). *AS 4282-1997 The control of the obtrusive effects of outdoor lighting*. Sydney: Standards Australia.
- Standards Australia. (1998a). *AS/NZS 5667.1-1998 Water quality – Sampling – Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples*. Sydney: Standards Australia.

- Standards Australia. (1998b). *AS/NZS 5667.11-1998 Water quality – Sampling – Guidance on sampling of groundwaters*. Sydney: Standards Australia.
- Standards Australia. (1999). *AS 2931-1999 Selection of use of emergency procedure guides for transport of dangerous goods*. Sydney: Standards Australia.
- Standards Australian. (2000). *AS 4799:2000 Installation of underground utility services and pipelines within railway boundaries*. Sydney: Standards Australia.
- Standards Australia. (2001b). *AS 4084:2001 Occupational Health and Safety Management Systems – General Guidelines on Principles, Systems and Supporting Techniques*. Sydney: Standards Australia.
- Standards Australia. (2004). *AS 1678:2004 – Emergency Procedure Guides – Transport*. Sydney: Standards Australia.
- Standards Australia. (2006a). *AS 2187.2:2006: Explosives – Storage, transport and use*. Sydney: Standards Australia.
- Standards Australia. (2006b). *AS 1289.3.8.1-2006 Methods of testing soils for engineering purposes*. Sydney: Standards Australia.
- Standards Australia. (2006c). *AS 4292-2006 Railway Safety Management*. Sydney: Standards Australia.
- Standards Australia. (2008a). *AS 3780-2008 The Storage and Handling of Corrosive Substances*. Sydney: Standards Australia.
- Standards Australia. (2008b). *AS 2885:2008 Pipelines – Gas and liquid petroleum*. Sydney: Standards Australia.
- Standards Australia. (2009a). *AS/NZ 31000:2009 Risk Management – Principles and Guidelines*. Sydney: Standards Australia.
- Standards Australia. (2009b). *AS 4970-2009 Protection of trees on development sites*. Sydney: Standards Australia.
- Standards Australia. (2010). *AS 2436-2010 Guide to Noise and Vibration Control on Construction, Demolition and Maintenance Sites*. Sydney: Standards Australia.
- Standards Australia. (2011). *AS 4825-2011 Tunnel Fire Safety*. Sydney: Standards Australia.
- Standards Australia. (2012). *HB 203:2012 Managing environment-related risk*. Sydney: Standards Australia.
- Standards Australia. (2013). *AS 7636-2013 Railway Structures*. Sydney: Standards Australia.
- Standards Australia. (2014). *AS 7637:2014 Railway infrastructure – Hydrology and Hydraulics*. Sydney: Standards Australia.
- Standards Australia. (2016). *AS 5100-2007 Series Bridge Design*. Sydney: Standards Australia.
- Standards Australia. (2017). *AS 1940:2017 The storage and handling of flammable and combustible liquids*. Sydney: Standards Australia.
- Standards Australia. (2018a). *AS2293.1:2018 Emergency escape lighting and exit signs for buildings Part 1: System design, installation and operation*. Sydney: Standards Australia.
- Standards Australia. (2018b). *AS 4801-2001 Occupational Health Safety Management Systems*. Sydney: Standards Australia.
- Standards Australia. (2018c). *AS/NZS ISO 45001-2018 Occupational health and safety management systems— Requirements with guidance for use*. Sydney: Standards Australia.
- Standards Australia. (2019). *AS1742.3:2019 Manual of uniform traffic control devices, Part 3: Traffic control for works on roads*. Sydney: Standards Australia.
- State of Queensland. (2011). *Conceptual Model Case Study Series - Gilgai wetlands*. Available at: wetlandinfo.des.qld.gov.au/resources/static/pdf/resources/tools/conceptual-model-case-studies/cs-gilgai-12-04-13.pdf. [Accessed 2020].
- Standing Council on Transport and Infrastructure. (2013). *National Land Freight Strategy*. Available at: transportinfrastructurecouncil.gov.au/publications/files/National_Land_Freight_Strategy_Compressed.pdf. [Accessed 2020].
- StarCrest Consulting Group. (2008). *Port of Long Beach Air Emissions Inventory - 2006*. The Port of Long Beach. Available at: kentico.portoflosangeles.org/getmedia/ca1b02fd-a584-4f9c-9d8f-744bda33260d/2006_Air_Emissions_Inventory. [Accessed 2020].

Sunshine Coast Daily. (2013). *\$50m rail upgrade to take 25,000 trucks a year off roads*. Available at: sunshinecoastdaily.com.au/news/50-million-rail-upgrade-toowoomba-range/1870673/. [Accessed 2020].

T

TAFE Queensland. (2018). *TAFE Queensland*. Queensland Government. Available at: tafeqld.edu.au/. [Accessed 2020].

Tawfik, David., Mutton, P.J. & Chiu, W.K. (2008). Experimental and numerical investigations: Alleviating tensile residual stresses in flash-butt welds by localised rapid post-weld heat treatment. *Journal of Materials Processing Technology*, 196(1–3), 279–291.

Taylor, B. & Goldingay, R. (2010). Roads and wildlife: impacts, mitigation and implications for wildlife management in Australia. *Wildlife Research*, 37, 320–331.

Tchobanoglous, G., Theisen, H. & Vigil, S.A. (1993). *Integrated Solid Waste Management: Engineering Principles and Management Issue*. New York, NY: McGraw Hill Inc.

The Big Flood Study Team, (2016). *The big flood: will it happen again?* Final Report, Australian Research Council (ARC) Linkage Project (ARC LP 120200093 2013–2016).

The Institution of Lighting Engineers UK. (2005). *Guidance Notes for Reduction of Obstructive Lighting*. Available at: preston.gov.uk/media/210/Reduction-of-Obtrusive-Light-Guidance-Notes/pdf/Guidance-Notes-For-The-Reduction-Of-Obtrusive-Light.pdf?m=636906836905770000. [Accessed 2020].

The Landscape Institute. (2011). *Landscape Institute Advice Note 01/09: Use of photography and photomontage in landscape and visual assessment*. Available at: davidwatson.info/pdf/AdviceNote0109photomontage.pdf. [Accessed 2020].

The Landscape Institute. (2018). *Technical Guidance Note: Photography and Photomontage in Landscape and Visual Impact Assessment, Public Consultation Draft 2018-06-01*. Available at: landscapewpstorage01.blob.core.windows.net/www-landscapeinstitute-org/2018/06/draft-tin-2018-XX-photography-photomontage-lvia.pdf. [Accessed 2020].

The Landscape Institute and the Institute of Environmental Management and Assessment. (2002). *Guidelines for Landscape and Visual Impact Assessment, 2nd edition (GLVIA2)*, Spon Press.

The Landscape Institute and the Institute of Environmental Management and Assessment. (2013). *Guidelines for Landscape and Visual Impact Assessment, 3rd edition (GLVIA3)*, Routledge.

The Long Paddock. (2018). *Drought Declaration Archive*. Queensland Government. Available at: longpaddock.qld.gov.au/drought/archive/. [Accessed 2021].

The Welding Institute. (2020). *What is Flash (Butt) Welding?* Available at: twi-global.com/technical-knowledge/faqs/faq-what-is-flash-butt-welding. [Accessed 2020].

Thompson, C.H. and Beckmann, G.G. (1959). *Soils and land use in the Toowoomba Area, Darling Downs, Queensland. Division of Soils*, Commonwealth Scientific and Industrial Research Organisation.

Thorp, J. and Lynch, R. (2011). *The Determination of Weeds of National Significance*, National Weeds Strategy Executive Committee, Launceston.

Threlfall, C.G., Law, B. & Banks, P.B. (2013). The urban matrix and artificial light restricts the nightly ranging behaviour of Gould's long-eared bat (*Nyctophilus gouldi*). *Austral Ecology*, 38, pp. 921–930.

Toowoomba Regional Council. (2010). *Toowoomba City Centre Master Plan*. Available at: tr.qld.gov.au/about-council/council-governance/plans-strategy-reports/various-documents/10958-city-centre-master-plan. [Accessed 2020].

Toowoomba Regional Council. (2012). *Toowoomba Regional Council Planning Scheme 2012*. Available at: tr.QLD.gov.au/planning-building/planning-scheme-strategies-tools/planning-scheme-new. [Accessed 2020].

Toowoomba Regional Council. (2014a). *Toowoomba Region Sustainable Transport Strategy*. Available at: tr.qld.gov.au/about-council/council-governance/plans-strategy-reports/various-documents/11025-toowoomba-region-sustainable-transport-strategy-december-2014. [Accessed 2020].

Toowoomba Regional Council. (2014b). *Our Community Vision—Toowoomba Regional Community Plan: Mid Term Review 2014*. Available at: tr.qld.gov.au/component/edocman/aboutcouncil/councilgovernance/community-plan-mid-term-review-2014?Itemid=. [Accessed 2020].

Toowoomba Regional Council. (2015). *Local Disaster Management Plan 2015*. Available at: tr.qld.gov.au/component/edocman/local-disaster-management-plan-2015/download. [Accessed 2020].

Toowoomba Regional Council. (2016a). *Toowoomba Open Space Strategy*. Available at: tr.qld.gov.au/about-council/council-governance/plans-strategy-reports/various-documents/12431-open-space-strategy. [Accessed 2020].

Toowoomba Regional Council. (2016b). *West Toowoomba Land Use Investigations*. Available at: tr.qld.gov.au/component/edocman/west-toowoomba-land-use-investigation-final-report/download. [Accessed 2020].

Toowoomba Regional Council. (2016c). *West Toowoomba Land Use Investigation Study Compendium – Background Information*. Available at: s3-ap-southeast-2.amazonaws.com/ehq-production-australia/392c4f6ebdf946deff6f861a036c458364f82994/documents/attachments/000/053/682/original/West_Toowoomba_Land_Use_Investigations_Background_Report.pdf?1491440475 [Accessed 2020].

Toowoomba Regional Council. (2017a). *Toowoomba Region Economic Profile*. Available at: tsbe.com.au/sites/default/files/uploaded-content/field_f_content_file/7358967economicprofilemarch2017.pdf. [Accessed 2020].

Toowoomba Regional Council. (2017b). *Toowoomba Region Local Government Infrastructure Plan*. Available at: tr.qld.gov.au/planning-building/planning-scheme-strategies-tools/planning-scheme-new/14063-lgip. [Accessed 2020].

Toowoomba Regional Council. (2017c). *West Toowoomba Local Plan/Land Use Investigation*. Available at: tr.qld.gov.au/planning-building/planning-scheme-strategies-tools/strategies-and-guides/11399-local-land-use-plans. [Accessed 2020].

Toowoomba Regional Council. (2018a). *Toowoomba Region Aerodromes*. Available at: tr.qld.gov.au/about-council/council-governance/plans-strategy-reports/various-documents/13604-toowoomba-region-aerodromes-2018-2028. [Accessed 2020].

Toowoomba Regional Council. (2018b). *Bold Ambitions 2038: Toowoomba Region Economic Development Strategy*. Available at: tr.qld.gov.au/testcat/communitybusiness/businesssupport/652-econdev/toowoomba-region-economic-development-strategy. [Accessed 2020].

Toowoomba Regional Council. (2018c). *Toowoomba Regional Council Charges Resolution No. 2 and No. 3*. Available at: tr.qld.gov.au/testcat/planbuild/planningdevelop/311-planningscheme. [Accessed 2020].

Toowoomba Regional Council. (2019a). *Corporate Plan 2014-2019*. Available at: tr.qld.gov.au/about-council/council-governance/plans-strategy-reports. [Accessed 2020].

Toowoomba Regional Council. (2019b). *MasterView 2.0 Application Master PD Online*. Available at: pdonline.toowoombarc.qld.gov.au/Masterview/Modules/ApplicationMaster/default.aspx?page=wrapper&key=348990. [Accessed 2020].

Toowoomba Regional Council. (2019c). *Toowoomba Road Safety Strategy*. Available at: tr.qld.gov.au/about-council/council-governance/plans-strategy-reports/various-documents/13756-road-safety-strategy. [Accessed 2020].

Toowoomba Regional Council. (2020). *Toowoomba Region Biosecurity Plan*. Available at: tr.qld.gov.au/environment-water-waste/trees-plants-wildlife/pests-weeds/9833-pest-management-plan-2014-2018. [Accessed 2020].

Torrens University Public Health Information Development Unit. (2018). *Social Health Atlas of Australia for LGAs and Population Health Areas*. Available at: phidu.torrens.edu.au/. [Accessed 2020].

Tourism Research Australia. (2019). *Local Government Area Profiles 2019*. Available at: tra.gov.au/Regional/local-government-area-profiles. [Accessed 2020].

Transport for New South Wales. (2017). *NSW Sustainable Design Guidelines Version 4.0*. New South Wales Government. Available at: transport.nsw.gov.au/sites/default/files/media/documents/2017/sustainable-design-guidelines-v4.pdf. [Accessed 2020].

Transport for New South Wales. (2018a). *Principles and Guidelines for Economic Appraisal of Transport Investment and Initiatives*. Available at: transport.nsw.gov.au/projects/project-delivery-requirements/evaluation-and-assurance/resources [Accessed 2020].

Transport for New South Wales. (2018b). *Traffic Control at work sites – Technical Manual*. Available at: rms.nsw.gov.au/business-industry/partners-suppliers/document-types/guides-manuals/traffic-control-worksites.html. [Accessed 2020].

Transport, Housing and Local Government Committee. (2014). *Rail freight use by the agriculture and livestock industries: Report no. 45*. Available at: parliament.qld.gov.au/documents/committees/THLGC/2014/INQ-RAIL/rpt_rail_16June2014.pdf. [Accessed 2020].

Turner, D.B. (1970). *Workbook of atmospheric dispersion estimates*. US EPA, Office of Air.

U

United Kingdom Institute of Air Quality Management. (2014). *Guidance on the assessment of dust from demolition and construction*. Available at: iaqm.co.uk/wp-content/uploads/guidance/iaqm_guidance_report_draft1.4.pdf. [Accessed 2020].

United States Environmental Protection Agency. (1998). *Compilation of Air Pollutant Emission Factors. Office of Air and Radiation*. Office of Air Quality Planning and Standards, United States Environment Protection Agency, Research Triangle Park, North Carolina, 27711.

University of Puerto Rico-Mayaguez Geology Department. (2012). *Sandstone Classification*. Available at: geology.uprm.edu/Courses/GEOL4046/for4046/Sandclass.pdf. [Accessed 2020].

University of Southern Queensland. (2019). *University of Southern Queensland*. Available at: usq.edu.au/. [Accessed 2020].

V

Vanclay, F., Esteves, A.M., Aucamp, I. & Franks, D.M. (2015). *Social Impact Assessment: Guidance for Assessing and Managing the Social Impacts of Projects*. Available at: iaia.org/uploads/pdf/SIA_Guidance_Document_IAIA.pdf. [Accessed 2020].

van der Grift, E., van der Ree, R. & Jaeger, J. (2015). Guidelines for evaluating the effectiveness of road mitigation measures. *Handbook of Road Ecology*. Wiley, West Sussex.

van der Ree R, van der Grift EA, Gulle N, Holland K, Mata C, Suarez F. (2007). *Overcoming the barrier effect of roads: how effective are mitigation strategies? An international review of the use and effectiveness of underpasses and overpasses designed to increase the permeability of roads for wildlife*. In: Irwin CL, Nelson D, McDermott KP (eds) 2007 Proceedings of the International Conference on Ecology and Transportation. Center for Transportation and the Environment, North Carolina State University, Raleigh, pp 423–431.

van der Ree, R., Clarkson, D.T., Holland, K., Gulle, N. & Budden M. (2008). *Review of Mitigation Measures used to deal with the Issue of Habitat Fragmentation by Major Linear Infrastructure*. Report for Department of Environment, Water, Heritage and the Arts (DEWHA), Published by DEWHA.

van der Ree, R., Gagnon, J. & Smith, D. (2015a). Fencing: a valuable tool for reducing wildlife-vehicle collisions and funneling fauna to cross structures. *Handbook of Road Ecology*. Wiley, West Sussex.

van der Ree, R., Tonjes, S. & Weller, C. (2015b). *Ensuring the completed road project is designed, built and operated as intended*. *Handbook of Road Ecology*. Wiley, West Sussex.

VicRoads. (2012). *Fauna sensitive road design guidelines*. Available at: vicroads.vic.gov.au/planning-and-projects/environment/biodiversity.

Victoria Environment Protection Authority. (2013). *Recommended separation distances for industrial residual air emissions*. Melbourne: EPA Victoria.

W

Wagner Corporation. (2021). Wellcamp Airport. Available at: wagnercorporation.com.au/wellcamp-airport/australias-newest-airport/#:~:text=Wagner%20Corporation%20entered%20into%20the,funded%20airport%20in%20the%20country. [Accessed 24 May 2021].

- Weber & Stewart. (2014). A critical analysis of the cumulative rainfall departure concept. *Groundwater* 42(6-7): 935-8, first published in November 2004.
- Weidenhamer, J.D. & Callaway, R.M. (2010). Direct and Indirect Effects of Invasive Plants on Soil Chemistry and Ecosystem Function. *Journal of Chemical Ecology*, 36, pp. 59–69.
- Weller, C. (2015). Construction of roads and wildlife mitigation measures: pitfalls and opportunities., in van der Ree, Smith and Grilo, *Handbook of Road Ecology*. Wiley, West Sussex.
- Western Australia Environment Protection Authority. (2005). *Separation distances between industrial and sensitive land uses*. Western Australian Government. Available at: epa.wa.gov.au/policies-guidance/separation-distances-between-industrial-and-sensitive-land-uses-gs-3. [Accessed 2020].
- Willey, E.C. (2003). *Urban geology of the Toowoomba conurbation SE Queensland Australia*. In: *Quaternary International* 103. University of Southern Queensland, pp. 57-74.
- Willey, E. (2012). *The Scenic Rim of Queensland: Volcanism, Xenoliths, Megacrysts and Geomorphology of the Early Miocene Main Range Volcanics*. Available at: eprints.usq.edu.au/21962/1/Willey_34th_IGC_PV.pdf. [Accessed 2020].
- Wilkins, R., Laß, I., Butterworth, P. & Vera-Toscano, E. (2019). *The household, income and labour dynamics in Australia survey: Selected findings from waves 1 to 17*. Available at: melbourneinstitute.unimelb.edu.au/__data/assets/pdf_file/0011/3127664/HILDA-Statistical-Report-2019.pdf. [Accessed 2020].
- Wilmott, W. F. (1984). *Slope stability and its constraints on closer settlement in the foothills of the Toowoomba Range, Gatton Shire*. Geological Society of Queensland Record 1984/44.
- Wilmott, W. F. (2002). *Key resource areas and Underground mining as planning constraints in the north eastern Darling Downs. Toowoomba City and Crows Nest, Rosalie Cambooya, Clifton, Jondaryan, Pittsworth and Millmerran Shrines*. Mineral and extractive resources, Land use and extractive industries Report 9. Department of Natural Resources and Mines, QLD.
- Wilson, A. and Lindenmayer, D.B. (1995). *Wildlife Corridors and the Conservation of Biodiversity: A Review*, National Corridors of Green Program, Green Australia Ltd., Canberra.
- Woinarski, J.C.Z., McCosker, J.C., Gordon, G., Lawrie, B., James, C.D., Augusteyn, J., Slater, L. and Danvers, T. (2006). Monitoring change in the vertebrate fauna of central Queensland, Australia, over a period of broad-scale vegetation clearance, 1973–2002. *Wildlife Research*, 33(4), pp. 263–274.
- Workplace Health and Safety Queensland. (2010). *Tunnelling road header operations: dust conditions and their control (summary report)*. Available at: worksafe.qld.gov.au/__data/assets/pdf_file/0019/83026/tunnelling-road-summary-report.pdf. [Accessed September 2019].
- World Bank International Finance Corporation. (2013). *Good Practice Handbook: Cumulative Impact Assessment and Management: Guidance for the Private Sector in Emerging Markets*. Available at: ifc.org/wps/wcm/connect/topics_ext_content/ifc_external_corporate_site/sustainability-at-ifc/publications/publications_handbook_cumulativeimpactassessment
- World Commission on Environment and Development. (1987). *Our Common Future*. New York: Oxford University Press.
- World Health Organization. (2013). *WHO-Women's Mental Health: An Evidence Based Review*. Available at: who.int/mental_health/publications/women_mh_evidence_review/en/. [Accessed 2020].
- World Health Organization. (2009). *Night Noise Guidelines for Europe*. Copenhagen: WHO Regional Office for Europe.

Z

- Zund, P.R. and Finn. L.D. (2015). *Soil erodibility – Fitzroy basin, synthesis report – Project RP112G*. Brisbane, Queensland: Department of Science, Information Technology and Innovation.
- Zund, P.R. (2017). *Soil Erodibility: user guide*. Brisbane, Queensland: Department of Science, Information Technology and Innovation.