

21 BIBLIOGRAPHY

This Chapter of the EIAR sets out a complete list of all documents referenced in the preparation of this EIAR. Each source of information is under its respective headings, outlined as follows: -

21.1 Population & Human Health (Chapter 5)

- 2022 Census carried out by the Central Statistics Office (CSO) 03 April 2022. Made available from <https://www.cso.ie/en/>
- 2016 Census carried out by the Central Statistics Office (CSO) 24 April 2016. Made available from <https://www.cso.ie/en/>
- Pobal HP Deprivation Index based on 2022 Census Data (CSO) Made available from <https://www.pobal.ie/>
- Pobal HP Deprivation Index based on 2016 Census Data (CSO) Made available from <https://www.pobal.ie/>
- Google maps available from <https://www.google.com/maps>
- OpenStreetMap and contributors available from <https://www.openstreetmap.org>
- GeoHive contributors and available from <https://www.geohive.ie/>

21.2 Biodiversity (Chapter 6)

- Albers, P. H., 2006. Birds and polycyclic aromatic hydrocarbons. Avian and Poultry Biology Reviews. 125-140
- Blake, D., Hutson, A.M., Racey, P.A., Rydell, J. and Speakman, J.R. (1994), Use of lamplit roads by foraging bats in southern England. Journal of Zoology, 234: 453-462. <https://doi.org/10.1111/j.1469-7998.1994.tb04859.x>
- CIEEM. 2024. "Guidelines For Ecological Impact Assessment in the UK and Ireland - Terrestrial, Freshwater, Coastal and Marine." Chartered Institute of Ecology and Environmental Management.
- Collins, J. (Ed.), 2023. Bat Surveys for Professional Ecologists: Good Practise Guidelines (4th Edition) (Updated 2024)
- Costa, R. A., Eeva, T., Eira, C., Vaqueiro, J., & Vingada, J. V. (2013). Assessing heavy metal pollution using Great Tits (Parus major): feathers and excrements from nestlings and adults. Environmental monitoring and assessment, 185, 5339-5344.
- DCHG (2017) National Biodiversity Plan 2017-2021. Department of Culture, Heritage and the Gaeltacht. Available at: <https://www.npws.ie/sites/default/files/publications/pdf/National%20Biodiversity%20Action%20Plan%20English.pdf>
- DEHLG (2009, rev 2010) Appropriate Assessment of Plans and Projects in Ireland Guidance for Planning Authorities., Department of the Environment, Heritage and Local Government, available: Appropriate Assessment of Plans and Projects in Ireland (npws.ie)
- DHPLG (2022) 'Draft River Basin Management Plan for Ireland 2022-2027', available: <https://www.gov.ie/en/consultation/2bda0-public-consultation-on-the-draft-river-basinmanagement-plan-for-ireland-2022-2027/>
- DHPLG (2024) River Basin Management Plan 2022 – 2027. Available at: <https://www.gov.ie/en/policy-information/8da54-river-basin-management-plan-2022-2027/>

- Ding, J., Wang, S., Yang, W., Zhang, H., Yu, F., & Zhang, Y., 2023. Tissue distribution and association of heavy metal accumulation in a free-living resident passerine bird tree sparrow *Passer montanus*. *Environmental Pollution*, 316, 120547.
- EC (2019) Managing Natura 2000 sites — The provisions of Article 6 of the Habitats Directive 92/43/EEC' (2019) Official Journal of the European Union 33, 1-62. [https://eurlex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52019XC0125\(07\)](https://eurlex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52019XC0125(07))
- EC (2021) Commission notice Assessment of plans and projects in relation to Natura 2000 sites – Methodological guidance on the provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC 2021/C 437/01' (2021) Official Journal of the European Union 437, 1- 107. [https://eurlex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52021XC1028\(02\)](https://eurlex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52021XC1028(02))
- Ecological Surveying Techniques for Protected Flora and Fauna during the Planning of National Road Schemes (NRA, 2009).
- EEA (2019) Natura 2000 – Standard Data Form: Rogerstown Estuary SAC 000208. Available at: <https://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=IE0000208>
- EEA (2020a) Natura 2000 – Standard Data Form: Malahide Estuary SAC 000205. Available at: <https://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=IE0000205>
- EEA (2020b) Natura 2000 – Standard Data Form: Malahide Estuary SPA 004025. Available at: <https://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=IE0004025>
- EEA (2020c) Natura 2000 – Standard Data Form: Rogerstown Estuary SPA 004015. Available at: <https://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=IE0004015>
- EPA (2022). Guidelines on the Information to Be Contained in Environmental Impact Assessment Reports, Environmental Protection Agency. Available: <http://www.epa.ie/pubs/advice/ea/EPA%20EIAR%20Guidelines.pdf>
- EPA (2024) EPA Maps [online], Next Generation EPA Maps, available: <https://gis.epa.ie/EPAMaps/>
- European Commission (Ed.) (2000) Managing Natura 2000 Sites: The Provisions of Article 6 of the 'Habitats' Directive 92/43/EEC, Office for Official Publications of the European Communities: Luxembourg
- European Commission (2007) 'Guidance document on Article 6 (4) of the "Habitats Directive" 92/43/EEC - Clarification of the concepts of: alternative solutions, imperative reasons of overriding public interest, compensatory measures, overall coherence, opinion of the commission.'
- European Commission, Directorate-General for the Environment, Oxford Brookes University, Impacts Assessment Unit (Eds.) (2002) Assessment of Plans and Projects Significantly Affecting Natura 2000 Sites: Methodological Guidance on the Provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC, EUR-OP: Luxembourg.
- European Commission (2013): Collingwood Environmental Planning Ltd, Directorate-General for Environment, Integra Consulting Ltd and Milieu Ltd, Guidance on integrating climate change and biodiversity into environmental impact assessment, Publications Office, 2013, available at: <https://data.europa.eu/doi/10.2779/11735>
- Fernández-Juricic, E., Jimenez, M.D., Lucas, E. (2001). Bird tolerance to human disturbance in urban parks of Madrid (Spain): Management implications. In: Marzluff, J.M., Bowman, R., Donnelly, R. (eds) *Avian Ecology and Conservation in an Urbanizing World*. Springer, Boston, MA. https://doi.org/10.1007/978-1-4615-1531-9_12
- Fossitt, J.A. (2000) *A Guide to Habitats in Ireland*, Heritage Council of Ireland series, Heritage Council/Chomhairle Oidhreachta: Kilkenny.
- GSI (2017). A description of Irish Aquifer Categories, Geological Survey Ireland Groundwater Programme, Version 1.1 October 2017, available: [Aquifer Classification Definitions \(gsi.ie\)](https://www.gsi.ie/AquiferClassificationDefinitions).

- GSI (2025). Geological Survey Ireland Spatial Resources [online], available: <https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=a30af518e87a4c0ab2fbde2aaac3c228>.
- Gilbert, G., Stanbury, A. and Lewis, L. (2021) Birds of Conservation Concern in Ireland 4: 2020-2026. (Irish Birds 2008).
- GSI (2017). A description of Irish Aquifer Categories, Geological Survey Ireland Groundwater Programme, Version 1.1 October 2017, available: Aquifer Classification Definitions (gsi.ie).
- GSI, (2025). Geological Survey Ireland Spatial Resources [online], available: <https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=a30af518e87a4c0ab2fbde2aaac3c228>.
- Heritage Council (2011). Best Practice Guidance for Habitat Survey and Mapping (Smith et al., 2011).
- Idan, F. S., & Jazza, S. H., 2022. Bioaccumulation of hydrocarbon compounds in the muscle of three aquatic birds in Um Alnaaj Marsh, Iraq. *International Journal of Aquatic Biology*, 10(3), 234-241.
- IFI, 2020. Planning for Watercourses in the Urban Environment. A Guide to the Protection of Watercourses through the use of Buffer Zones, Sustainable Drainage Systems, Instream Rehabilitation, Climate / Flood Risk and Recreational Planning. Inland Fisheries Ireland.
- IFI, 2016. Guidance on Protection of Fisheries During Construction Works In and Adjacent to Waters. Inland Fisheries Ireland.
- Jurries D., 2003. BIOFILTERS (Bioswales, Vegetative Buffers, & Constructed Wetlands) for stormwater discharge pollution removal: Guidance for using bioswales, vegetative buffers, and constructed wetlands for reducing, minimizing, or eliminating pollutant discharges to surface waters. State of Oregon, Department of Environmental Quality.
- Leduc, Antoine & Roh, Ellie & Macnaughton, Camille & Benz, Frederic & Rosenfeld, Jordan & Brown, Grant. (2010). Ambient pH and the Response to Chemical Alarm Cues in Juvenile Atlantic Salmon: Mechanisms of Reduced Behavioral Responses. *Transactions of the American Fisheries Society*. 139. 10.1577/T09-024.1.
- Martyn C. Lucas, John B. Hume, Pedro R. Almeida, Kimmo Aronsuu, Evelyn Habit, Sergio Silva, Christina J. Wang, Brenton Zampatti, Emerging conservation initiatives for lampreys: Research challenges and opportunities, *Journal of Great Lakes Research*, Volume 47, Supplement 1, 2021, Pages S690-S703, ISSN 0380-1330, <https://doi.org/10.1016/j.jglr.2020.06.004>.
- Marnell, F.; Kelleher, C.; & Mullen, E. (2022) Bat Mitigation Guidelines for Ireland v2. Irish Wildlife Manuals, No. 134. National Parks and Wildlife Service, Department of Housing, Local Government and Heritage, Ireland. Available at: <https://www.npws.ie/sites/default/files/publications/pdf/IWM134.pdf>
- McAney, K. and Hanniffy, R. (2015) The Vincent Wildlife Trust's Irish bat box schemes, available at <https://www.vwt.org.uk/wp-content/uploads/2015/08/VWTIrelandBatBoxReport.pdf>.
- Meath County Council, 2020a, Draft Meath County Development Plan 2021-2027 Volume 1: Written statement, Available online at: https://consult.meath.ie/system/files/materials/33/Vol.1%20Meath%20County%20Development%20Plan%202020-2026_0.pdf
- Meath County Council, 2020b, Draft Meath County Development Plan 2021-2027 Volume 2: Written statements for settlements, Available online at: <https://consult.meath.ie/en/system/files/materials/33/Meath%20County%20Development%20Plan%202020-2026%20Vol%202.pdf>
- Meath County Council, 2020c, Draft Meath County Development Plan 2021-2027 Volume 4: Draft Natura Impact Report, Available online at: <https://consult.meath.ie/system/files/materials/33/Natura%20Impact%20Report.pdf>

- Montgomery, Ian; Russ, J.M. / Habitat associations of bats in Northern Ireland: implications for conservation. In: Biological Conservation. 2002; Vol. 108, No. 1. pp. 49-58.
- K. Myllynen, E. Ojutkangas, M. Nikinmaa, River Water with High Iron Concentration and Low pH Causes Mortality of Lamprey Roe and Newly Hatched Larvae, Ecotoxicology and Environmental Safety, Volume 36, Issue 1, 1997, Pages 43-48, ISSN 0147-6513, <https://doi.org/10.1006/eesa.1996.1484>.
- NBDC. 2021. "Biodiversity Maps - Map Viewer." National Biodiversity Data Centre Biodiversity Maps. 2021. <https://maps.biodiversityireland.ie/Map>.
- NPWS (2009) Site Synopsis: Portrane Shore pNHA 001215. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht.
- NPWS (2013a) Conservation Objectives: Malahide Estuary SAC 000205. Version 1. National Parks and Wildlife Service, Department of Housing, Local Government and Heritage.
- NPWS (2013b) Site Synopsis: Malahide Estuary SPA 004025.
- NPWS (2013c) Conservation Objectives: Malahide Estuary SPA 004025. Version 1. National Parks and Wildlife Service, Department of Housing, Local Government and Heritage.
- NPWS (2013d) Site Synopsis: Rogerstown Estuary SAC 000208.
- NPWS (2013e) Conservation Objectives: Rogerstown Estuary SAC 000208. Version 1. National Parks and Wildlife Service, Department of Housing, Local Government and Heritage.
- NPWS (2013f) Conservation Objectives: Rogerstown Estuary SPA 004015. Version 1. National Parks and Wildlife Service, Department of Housing, Local Government and Heritage.
- NPWS (2014) Site Synopsis: Rogerstown Estuary SPA 004015.
- NPWS (2017) Site Synopsis: Malahide Estuary SAC 000205.
- NRA (2006a) Guidelines for the Treatment of Badgers prior to the Construction of National Road Schemes, National Roads Authority.
- NRA (2006b) Guidelines for the Treatment of Otters prior to the Construction of National Road Schemes, National Roads Authority.
- NRA (2000c) Guidelines for the Treatment of Bats during the Construction of National Road Schemes, National Roads Authority.
- NRA (2006d) Guidelines for the Crossing of Watercourses during the Construction of National Road Schemes, National Roads Authority.
- NRA (2006e) Guidelines for the Protection and Preservation of Trees, Hedgerows and Scrub prior to, during and post Construction of National Road Schemes, National Roads Authority
- NRA (20008) Ecological Surveying Techniques for Protected Flora and Fauna during the Planning of National Road Schemes (2008), National Roads Authority
- NRA (2009) Guidelines for Assessment of Ecological Impacts and National Road Schemes. National Roads Authority
- OPR (2021) 'OPR Practice Note PN01 - Appropriate Assessment Screening for Development Management'.
- Catherine P. Ortega. (2012). Chapter 2: Effects of noise pollution on birds: A brief review of our knowledge - Efectos de la Polución Sonora en Aves: una Breve Revisión de Nuestro Conocimiento. Ornithological Monographs, 74(1), 6–22. <https://doi.org/10.1525/om.2012.74.1.6>
- RBMP, (2018). River Basin Management Plan for Ireland 2018 -2021. Department of Housing, Planning and Local Government.

- Russ, J.M., Briffa, M. and Montgomery, W.I. (2003), Seasonal patterns in activity and habitat use by bats (*Pipistrellus* spp. and *Nyctalus leisleri*) in Northern Ireland, determined using a driven transect. *Journal of Zoology*, 259: 289-299. <https://doi.org/10.1017/S0952836902003254>
- Rydell, Jens, et al. "Timing of Foraging Flights of Three Species of Bats in Relation to Insect Activity and Predation Risk." *Oikos*, vol. 76, no. 2, 1996, pp. 243–52. JSTOR, <https://doi.org/10.2307/3546196>. Accessed 28 Apr. 2025.
- Parnell, J., and T. Curtis. 2012. *Webb's An Irish Flora with Illustrations by Elaine Cullen*. 8th ed. Cork University Press.
- R. H. Peterson, K. Coombs, J. Power, and U. Paim. 1989. Responses of several fish species to pH gradients. *Canadian Journal of Zoology*. 67(6): 1566-1572. <https://doi.org/10.1139/z89-222>
- SDCC (2020) Biodiversity Action Plan for South Dublin County 2020-2026. South Dublin County Council. Available at: <https://www.sdcc.ie/en/climate-action/image-library-pdfs/pdf-folder/draft-south-dublin-county-council-biodiversity-action-plan-2020-2026.pdf>
- SDCC (2022) South County Development Plan 2022-2028 Available at: <https://www.sdcc.ie/en/devplan2022/adopted-plan/county-development-plan-written-statement/>
- Slabbekoorn H, Ripmeester EA. Birdsong and anthropogenic noise: implications and applications for conservation. *Mol Ecol*. 2008 Jan;17(1):72-83. doi: 10.1111/j.1365-294X.2007.03487.x. Epub 2007 Sep 3. PMID: 17784917.
- Smith, G.F., O'Donoghue, P., O'Hara, K., Delaney, E. (2011) 'Best practice guidance for habitat survey and mapping', The Heritage Council: Ireland
- Spoelstra Kamiel, van Grunsven Roy H. A., Donners Maurice, Gienapp Phillip, Huigens Martinus E., Slaterus Roy, Berendse Frank, Visser Marcel E. and Veenendaal Elmar (2015). Experimental illumination of natural habitat—an experimental set-up to assess the direct and indirect ecological consequences of artificial light of different spectral composition *Phil. Trans. R. Soc. B*37020140129
- Spoelstra Kamiel, van Grunsven Roy H. A., Ramakers Jip J. C., Ferguson Kim B., Raap Thomas, Donners Maurice, Veenendaal Elmar M. and Visser Marcel E. (2017). Response of bats to light with different spectra: light-shy and agile bat presence is affected by white and green, but not red light *Proc. R. Soc. B*.28420170075
- Stone, Emma & Harris, Stephen & Jones, Gareth. (2015). Impacts of artificial lighting on bats: A review of challenges and solutions. *Mammalian Biology - Zeitschrift für Säugetierkunde*. 80. 10.1016/j.mambio.2015.02.004.
- TII, 2020a., The Management of Invasive Alien Plant Species on National Roads – Technical Guidance.
- TII, 2020b., The Management of Invasive Alien Plant Species on National Roads – Standard.
- Uisce Éireann (2025) Greater Dublin Drainage Strategy, available <https://www.water.ie/projects/local-projects/greater-dublin>
- van Langevelde F, Braamburg-Annegarn M, Huigens ME, Groendijk R, Poitevin O, van Deijk JR, Ellis WN, van Grunsven RHA, de Vos R, Vos RA, Franzén M, WallisDeVries MF. (2018) Declines in moth populations stress the need for conserving dark nights. *Glob Chang Biol*. 2018 Mar;24(3):925-932. doi: 10.1111/gcb.14008. Epub 2018 Jan 4. PMID: 29215778.
- Windfinder.com (2025) Windfinder.Com - Wind and Weather Statistic Dublin Airport [online]

21.3 Land, Soils & Geology (Chapter 7)

- Environmental Impact Assessment Report (EIAR) – Kishoge Southeast, Clonburris, CO. Dublin (DBFL, 2024)

- Guidelines on Procedures for Assessment and Treatment of Geology, Hydrology and Hydrogeology for National Road Schemes (NRA, 2009).
- Environmental Impact Assessment of National Road Schemes – A Practical Guide (NRA, 2008).
- Guidelines for the Creation, Implementation and Maintenance of an Environmental Operating Plan (TII).
- The Management of Waste from National Road Construction Projects (TII);
- The SUDS Manual (CIRIA C753) (CIRIA).
- Control of Water Pollution from Construction Sites. Guidance for Consultants and Contractors (CIRIA C532).
- Control of Water Pollution from Linear Construction Sites (CIRIA C648).
- Environmental Good Practice on Site (C692) (2010) (CIRIA).
- Ground Investigation & Geotechnical Interpretative Report Clonburris Phase 3 (ISGL, 2024)
- Ground Investigation & Geotechnical Interpretative Report Clonburris Phase 4 (ISGL, 2024)
- Ground Investigation & Geotechnical Interpretative Report Clonburris Phase 5 (ISGL, 2024)

21.4 Water (Chapter 8)

- Guidelines for Preparation of Soils, Geology & Hydrogeology Chapters in Environmental Impact Statements. (2013) Institute of Geologists of Ireland (IGI).
- Best Practice Guidelines on the Preparation of Waste Management Plans for Construction and Demolition Projects, Dept of the Environment Heritage and Local Government.
- Construction Code of Practice for the Sustainable Use of Soils on Construction Sites, Department for Environment, Food and Rural Affairs (UK).
- Geological Survey Ireland Spatial Resources
<https://dcenr.maps.arcgis.com/apps/MapSeries/index.html?appid=a30af518e87a4c0ab2fbde2aaac3c228>
- Surface Water Management Plan, Clonburris Joint Infrastructure Works (DBFL, 2021)
- The SUDS Manual (CIRIA C753) (CIRIA).
- Control of Water Pollution from Construction Sites. Guidance for Consultants and Contractors (CIRIA C532).
- Control of Water Pollution from Linear Construction Sites (CIRIA C648).
- The Management of Waste from National Road Construction Projects (TII).
- Design of Earthworks Drainage, Network Drainage, Attenuation & Pollution Control (DN-DNG-03066) (TII).
- Guidelines On the Information to Be Contained in Environmental Impact Assessment Reports (Draft August 2022) (EPA).
- EPA Advice Notes on Current Practice (in the preparation of Environmental Impact Statements) Sept. 2003.
- Guidelines on Procedures for Assessment and Treatment of Geology, Hydrology and Hydrogeology for National Road Schemes (NRA, 2009).
- Environmental Impact Assessment of National Road Schemes – A Practical Guide (NRA, 2008).
- Guidelines for the Creation, Implementation and Maintenance of an Environmental Operating Plan (TII).

21.5 Air (Noise & Vibration) (Chapter 9)

- British Standard Institute (BSI) British Standard (BS) 5228-1:2009 +A1 2014 Code of Practice for noise and vibration control of construction and open sites - Part 1: Noise.
- BS 5228-2:2009+A1:2014 Code of Practice for noise and vibration control of construction and open sites - Part 2: Vibration (BSI 2014b).
- BS 7385: 1993 Evaluation and measurement for vibration in buildings Part 2: Guide to damage levels from ground borne vibration (BSI 1993).
- BS 6472-1: 2008 Guide to evaluation of human exposure to vibration in buildings, Part 1 Vibration sources other than blasting (BSI 2008).
- BS 8233:2014 Guidance on sound insulation and noise reduction for buildings.
- BS 4142: 2014 +A1 2019 Methods for Rating and Assessing Industrial and Commercial Sound (BSI 2019).
- Dart+ SOUTHWEST EIAR Volume 2 February 2023.
- UK Highways England (UKHE) Design Manual for Roads and Bridges (DMRB) LA 111 Sustainability and Environmental Appraisal LA 111 Noise and Vibration Revision 2 (UKHE 2020).
- S.I. No. 549/2018 – European Communities (Environmental Noise) Regulations 2018.
- S.I. No. 241/2006 – European Communities Noise Emission by Equipment for Use Outdoors (Amendment) Regulations 2006.
- International Organization for Standardization (ISO) 9613-2:1996 Acoustics – Attenuation of sound during propagation outdoors – Part 2: General method of calculation (ISO 1996).
- ISO 1996-1: 2016 Acoustics – Description, measurement and assessment of environmental noise. Part 1: Basic quantities and assessment procedures (ISO 2016).
- ISO 1996-2:2017 – Description, measurement and assessment of environmental noise – Part 2: Determination of sound pressure levels (hereafter referred to as ISO 1996 – 2) (ISO 2017).
- The UK Department of Transport Calculation of Road Traffic Noise (UK Department of Transport 1998).
- The Professional Guidance on Planning & Noise (ProPG): New Residential Document and Supplementary Documents (2017).

21.6 Climate (Air Quality) (Chapter 10)

- Air Pollution Information Service (APIS) (2025) APIS website: <https://www.apis.ac.uk>.
- Air Quality Consultants (AQC) (2020) Ammonia Emissions from Roads for Assessing Impacts on Nitrogen-sensitive Habitats
- BRE (2003) Controlling Particles, Vapours & Noise Pollution from Construction Sites
- Department of the Environment Heritage and Local Government (DEHLG) (2004) Quarries and Ancillary Activities, Guidelines for Planning Authorities
- Dublin City Council (2018) Air Quality Monitoring and Noise Control Unit's Good Practice Guide for Construction and Demolition
- Dun Laoghaire-Rathdown County Council (2022) Good Practice Guide for Construction and Demolition Environmental Management
- Environmental Protection Agency (2006) Environmental Management Guidelines - Environmental Management in the Extractive Industry (Non-Scheduled Minerals)

- Environmental Protection Agency (2015) Advice Notes for Preparing Environmental Impact Statements – Draft
- Environmental Protection Agency (2022) Guidelines on the Information to be Contained in Environmental Impact Assessment Reports
- Environmental Protection Agency (2024) Air Quality in Ireland 2023 (& previous annual reports)
- German VDI (2002) Technical Guidelines on Air Quality Control – TA Luft
- Government of Ireland (2023) Clean Air Strategy for Ireland
- Institute of Air Quality Management (IAQM) (2020) A Guide to the Assessment of Air Quality Impacts on Designated Nature Conservation Sites (Version 1.1)
- Institute of Air Quality Management (IAQM) (2024) Guidance on the Assessment of Dust from Demolition and Construction Version 2.2
- Met Éireann (2025) Met Eireann website: <https://www.met.ie/>
- The Scottish Office (1996) Planning Advice Note PAN50 Annex B: Controlling The Environmental Effects Of Surface Mineral Workings Annex B: The Control of Dust at Surface Mineral Workings
- Transport Infrastructure Ireland (2022) Air Quality Assessment of Specified Infrastructure Projects – PE-ENV-01106
- Transport Infrastructure Ireland (2024) TII Road Emissions Model (REM): Model Development Report – GE-ENV-01107
- UK Office of Deputy Prime Minister (2002) Controlling the Environmental Effects of Recycled and Secondary Aggregates Production Good Practice Guidance
- United Nations Economic Commission for Europe (UNECE) (2007) Report on the Workshop on Atmospheric Ammonia: Detecting Emission Changes and Environmental Impacts
- United Nations Economic Commission for Europe (UNECE) (2010) Empirical Critical Loads & Dose-Response Relationships
- USEPA (1997) Fugitive Dust Technical Information Document for the Best Available Control Measures
- World Health Organisation (2021) Air Quality Guidelines (and previous Air Quality Guideline Reports 1999 & 2000 & 2006)

21.7 Climate (Climate Change) (Chapter 11)

- Civil Engineering Standard Method of Measurement (CESSM) (2013) Carbon and Price Book database.
- Construction Industry Federation (2021) Modern Methods of Construction
- Department of Environment, Climate and Communications (DECC) (2023a) Climate Action Plan (CAP) 2024
- Department of Environment, Climate and Communications (DECC) (2023b) Long-term Strategy on Greenhouse Gas Emissions Reductions (draft)
- Department of Environment, Climate and Communications (DECC) (2024) National Adaptation Framework (NAF)
- Environmental Protection Agency (2020a) State of the Irish Environment Report (Chapter 2: Climate Change)
- Environmental Protection Agency (2020b) Research 339: High-resolution Climate Projections for Ireland – A Multi-model Ensemble Approach'

- Environmental Protection Agency (2022) Guidelines on the Information to be Contained in Environmental Impact Assessment Reports
- Environmental Protection Agency (2024) Ireland's Provisional Greenhouse Gas Emissions 1990-2023
- Environmental Protection Agency (2024a) National Climate Change Risk Assessment (NCCRA)
- Environmental Protection Agency (2024d) Ireland's Greenhouse Gas Emissions Projections 2023-2050
- Environmental Protection Agency (2024e) Ireland's Climate Change Assessment Synthesis Report
- EPA (2024f) Updated High-resolution Climate Projections for Ireland Research Report: 471
- Environmental Protection Agency (EPA) (2021a) Critical Infrastructure Vulnerability to Climate Change Report No. 369
- European Commission (2013) Guidance on Integrating Climate Change and Biodiversity into Environmental Impact Assessment
- European Commission (2014) 2030 Climate and Energy Policy Framework
- European Commission (2017) Environmental Impact Assessment of Projects: Guidance on the preparation of the Environmental Impact Assessment Report
- European Commission (2021a) Technical guidance on the Climate Proofing of Infrastructure in the Period 2021-2027
- European Commission (2021b) 2030 EU Climate Target Plan
- European Commission (2021b) Forging a climate-resilient Europe - the new EU Strategy on Adaptation to Climate Change.
- European Union (2018) Regulation 2018/842 on binding annual greenhouse gas emission reductions by Member States from 2021 to 2030 contributing to climate action to meet commitments under the Paris Agreement and amending Regulation (EU) No. 525/2013
- Global Facility for Disaster Reduction and Recovery (GFDRR) (2025) Think Hazard!
- Government of Ireland (2015) Climate Action and Low Carbon Development Act
- Government of Ireland (2019) Climate Action Plan 2019
- Government of Ireland (2020) Climate Action Plan 2021
- Government of Ireland (2021) Climate Action and Low Carbon Development (Amendment) Act 2021 (the 2021 Climate Act) (No. 32 of 2021)
- Government of Ireland (2022) Climate Action Plan 2022
- Government of Ireland (2023) Long-term Strategy on Greenhouse Gas Emissions Reductions
- Institute of Environmental Management & Assessment (IEMA) (2020a) Environmental Impact Assessment Guide to: Climate Change Resilience and Adaptation
- Institute of Environmental Management & Assessment (IEMA) (2020b) GHG Management Hierarchy
- Institute of Environmental Management & Assessment (IEMA) (2022) Environmental Impact Assessment Guide to: Assessing GHG Emissions and Evaluating their Significance
- Met Éireann (2023a). Ireland's 30-year Climate Averages. Available from: <https://www.met.ie/climate/30-year-averages>
- Met Éireann (2023b) TRANSLATE: One Climate Resource for Ireland. [Online] Available at: <https://www.met.ie/science/translate>

- Met Éireann (2025) Met Éireann's 2024 Climate Statement Available at: <https://www.met.ie/annual-climate-statement-for-2024>
- South Dublin County Council & Codema (2024) South Dublin County Council Climate Action Plan 2024 – 2029
- The Geological Society of Ireland (GSI) (2025) Landslide Susceptibility Mapping Database
- Transport Infrastructure Ireland (2022a) PE-ENV-01104: Climate Guidance for National Roads, Light Rail and Rural Cycleways (Offline & Greenways) – Overarching Technical Document
- Transport Infrastructure Ireland (2022b) PE-ENV-01106: Air Quality Assessment of Specified Infrastructure Projects
- Transport Infrastructure Ireland (2024a) GE-ENV-01106: TII Carbon Assessment Tool for Road and Light Rail Projects and User Guidance Document
- Transport Infrastructure Ireland (2024b) TII Road Emissions Model (REM): Model Development Report – GE-ENV-01107

21.8 Landscape and Visual Impact (Chapter 12)

- Environmental Protection Agency (EPA) Advice Notes on Current Practice and the Preparation of Environmental Impact Statements (EPA 2003). Guidelines on the Information to be contained in Environmental Impact Reports (2022)
- Guidelines for Landscape and Visual Assessment, 3rd Ed., The Landscape Institute and Institute of Environmental Management and Assessment, 2013.
- Urban Development & Building Heights, Dept. of Housing Planning & Local Government 2018
- South Dublin County Council <https://www.sdcc.ie/en/>
- South Dublin County Development Plan 2022-2028 <https://www.sdcc.ie/en/services/our-council/policies-and-plans/county-development-plan/>
- Clonburris SDZ Planning Scheme 2019 <https://clonburris.ie/sdz-planning-scheme/>
- Natura 2000 https://environment.ec.europa.eu/topics/nature-and-biodiversity/natura-2000_en
- Natural Heritage Areas <https://www.npws.ie/protected-sites/nha>
- EU Annex I Habitats <https://www.npws.ie/legislation/eu-directives/habitats-directive>
- National Inventory of Architectural Heritage <https://maps.archaeology.ie/historicenvironment/>

21.9 Material Assets (Transportation) (Chapter 13)

- Bus Connects website (www.busconnects.ie)
- Department of Transport's Traffic Signs Manual "Chapter 8 Temporary Traffic Measures and Signs for Roadworks"
- Department of Transport's "Guidance for the Control and Management of Traffic at Roads Works – 2nd Edition" (2010)
- South Dublin County Development Plan (2022-2028)
- Clonburris SDZ Planning Scheme 2019 (<https://clonburris.ie/sdz-planning-scheme/>)
- 'Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities' Department of Housing, Local Government and Heritage (March 2023)
- Sustainable Residential Development and Compact Settlements - Guidelines for Planning Authorities-(January 2024)

- Environmental Protection Agency Guidelines on the Information to be Contained in Environmental Impact Assessment Reports (May 2022)
- Irish Rail website (www.irishrail.ie)
- National Transport Authority; Greater Dublin Area Cycle Network Plan (2022)
- NRA 'Traffic and Transport Assessment Guidelines' (2014)
- Ordnance Survey Ireland (www.osi.ie)
- The Institution of Highway Engineers and Transportation 'Guidelines for Traffic Impact Assessments' (1994)
- Transport for Ireland (www.transportforireland.ie)
- Transport Infrastructure Ireland (www.tii.ie)

21.10 Material Assets (Waste) (Chapter 14)

- Waste Management Act 1996 as amended.
- Environmental Protection Agency Act 1992 as amended.
- Litter Pollution Act 1997 as amended.
- Regional Waste Management Planning Offices, The National Waste Management Plan for a Circular Economy 2024 - 2030 (2024).
- Department of Environment and Local Government (DoELG) Waste Management – Changing Our Ways, A Policy Statement (1998).
- Forum for the Construction Industry – Recycling of Construction and Demolition Waste.
- Department of Communications, Climate Action and Environment (DCCAE), Waste Action Plan for the Circular Economy - Ireland's National Waste Policy 2020-2025 (Sept 2020).
- DCCAE, Whole of Government Circular Economy Strategy 2022-2023 'Living More, Using Less' (2021).
- Circular Economy and Miscellaneous Provisions Act 2022.
- Environmental Protection Agency (EPA) 'Best Practice Guidelines for the Preparation of Resource and Waste Management Plans for Construction & Demolition Projects' (2021).
- Department of Environment, Heritage and Local Government, Best Practice Guidelines on the Preparation of Waste Management Plans for Construction and Demolition Projects (2006).
- FÁS and the Construction Industry Federation (CIF), Construction and Demolition Waste Management – a handbook for Contractors and site Managers (2002).
- SDCC, South Dublin County Council Development Plan 2022– 2028 (2022).
- South Dublin County Council (SDCC) County of South Dublin (Segregation, Storage and Presentation of Household and Commercial Waste) Bye-laws (2018).
- Planning and Development Act 2000 (S.I. No. 30 of 2000) as amended.
- EPA, Waste Classification – List of Waste & Determining if Waste is Hazardous or Non-Hazardous (2018).
- European Waste Catalogue - Council Decision 94/3/EC (as per Council Directive 75/442/EC).
- Hazardous Waste List - Council Decision 94/904/EC (as per Council Directive 91/689/EEC).
- Council Decision 2003/33/EC, establishing criteria and procedures for the acceptance of waste at landfills pursuant to Article 16 of and Annex II to Directive 1999/31/EC.

- Environmental Protection Agency (EPA), National Waste Database Reports 1998 – 2020 and the Circular Economy and National Waste Database Report 2021 -.
- EPA and Galway-Mayo Institute of Technology (GMIT), EPA Research Report 146 – A Review of Design and Construction Waste Management Practices in Selected Case Studies – Lessons Learned (2015).
- DoHLGH, Sustainable Urban Housing: Design Standards for New Apartments, Guidelines for Planning Authorities (2023).
- Department of Transport, Tourism and Sport and Department of Housing, Planning and Local Government, Design Manual for Urban Roads and Streets (2019)

21.11 Material Assets (Utilities) (Chapter 15)

- ESB Networks (2023) Electrical Services Guidebook for Housing Schemes. Available at: <https://www.esbnetworks.ie/docs/default-source/publications/electrical-services-guidebook-for-housing-schemes96bf505f-4d12-4287-9c6d-ce0fa35a5b46.pdf>
- ESB Networks (2019) Construction Standards for MV Substation Buildings. Available at: <https://www.esbnetworks.ie/docs/default-source/publications/construction-standards-for-mv-substation-buildings.pdf>
- ESB Networks (2021) General Specification for Contestably Built Substations. Available at: https://www.esbnetworks.ie/docs/default-source/publications/3016-00040271-esb-general-spec-document_18133_v01.pdf
- ESB Networks (2025) National Code of Practice for Customer Interface. Available at: <https://esbnetworksprdsastd01.blob.core.windows.net/media/docs/default-source/publications/national-code-of-practice.pdf>
- Gas Networks Ireland (2021) Guidelines for Designers and Builders – Domestic Sites. Available at: <https://www.gasnetworks.ie/docs/corporate/information-for-rgi/Guidelines-for-Designers-and-Builders-Domestic-Sites.pdf>
- Gas Networks Ireland (2021) Guidelines for Designers and Builders – Non-Domestic Sites. Available at: <https://www.gasnetworks.ie/docs/corporate/information-for-rgi/Non-Domestic-Guidelines-Industrial-Commercial-Sites.pdf>
- Gas Networks Ireland (2024) Safety Advice for Working in the Vicinity of Natural Gas Pipelines. Available at: <https://www.gasnetworks.ie/sites/default/files/docs/safety/safety-advice-for-working-in-the-vicinity-of-natural-gas-pipelines.pdf>
- Gas Networks Ireland (2024) Code of Practice for Working in the Vicinity of the Transmission Network. Available at: <https://www.gasnetworks.ie/docs/safety/Code-of-Practice-for-Working-in-the-Vicinity-of-the-Transmission-Network.pdf>
- Eir (2022) New Development Technical Specification. Available at: <https://www.scribd.com/document/786475070/EIR-New-Development-Tech-spec-final-16112022>
- SIRO (n.d.) About SIRO. Available at: <https://siro.ie/about/>
- Virgin Media Ireland (2024) New Build Handbook – Version 1.67. Available at: https://prod.ctassets.virginmedia.com/uploads/VM_02_new_build_handbook_67_November_2024_c8a96e4c77.pdf
- Virgin Media Ireland (2025) Developers Handbook – Version 1.67. Available at: https://prod.ctassets.virginmedia.com/uploads/VM_02_Developers_Handbook_V1_67_January_2025_42c252fb6a.pdf
- Virgin Media Ireland (n.d.) Construction Industry. Available at: <https://www.virginmedia.ie/business/construction-industry/>

- South Dublin County Council (2024) Public Lighting Specification – Revision 4. Available at: <https://www.sdcc.ie/en/services/transport/public-lighting/pl-spec-rev-4-sept-24.pdf>
- South Dublin County Council (2022) Clonburris Phase One – Electrical Report. Available at: <https://consult.sdblincoco.ie/en/system/files/materials/8436/CLON-ACM-XX-XX-RP-EL-400001.pdf>

21.12 Cultural Heritage (Archeological & Architectural) (Chapter 16)

- Bennett, I. (ed.) 1987-2010. Excavations: Summary Accounts of Archaeological Excavations in Ireland. Bray. Wordwell.
- Brännström, C. 2024. Site 3 and 5, Clonburris SDZ, Kishoge and Balgaddy, Clondalkin, County Dublin. (Licence No. 24E0707). Unpublished Archaeological Testing Report for John Cronin & Associates.
- Chartered Institute for Archaeologists 2020a. Standards & Guidance for Field Evaluation.
- Chartered Institute for Archaeologists 2020b. Standards & Guidance for Archaeological Excavation.
- Chartered Institute for Archaeologists 2020c. Standards & Guidance for an Archaeological Watching Brief (Monitoring).
- Clonburris Strategic Development Zone Planning Scheme 2019.
- Department of Arts, Heritage, Gaeltacht and the Islands. 1999a. Framework and Principles for the Protection of the Archaeological Heritage. Dublin. Government Publications Office.
- Department of Arts, Heritage, Gaeltacht and the Islands. 1999b. Policy and Guidelines on Archaeological Excavation. Dublin. Government Publications Office.
- Dowling, G. 2023. Geophysical Survey Report, Adamstown, Lucan, Co. Dublin (Licence No. 23R0251). Unpublished report prepared for IAC Archaeology.
- Doyle, I. 2000. Geophysical survey report Grangecastle Business Park, County Dublin (Licence No. 00R0016). Unpublished report prepared by GSB Prospection.
- Environmental Protection Agency. 2017. Draft Advice Notes on Current Practice (in the preparation of Environmental Impact Statements). Dublin. Government Publications Office.
- Environmental Protection Agency. 2022. Guidelines on the Information to be Contained in Environmental Impact Statements. Dublin. Government Publications Office.
- Gimson, H. 2015. Geophysical survey report West Dublin interface compound T5 and 220/110 kV Substation, Kishoge and Ballybane, Dublin (Licence No. 15R0116). Unpublished report prepared by Earthsound Archaeological Geophysics.
- Leigh, J. 2015. Geophysical survey report Grange Castle, Clondalkin, County Dublin (Licence No. 15R0010). Unpublished report prepared by J. M. Leigh Surveys.
- Murtagh, F. 2023. Archaeological Assessment at Cappagh, Clonburris Little and Kishoge, Dublin 22 (Licence No. 22E0719). Unpublished report prepared by IAC Archaeology.
- Murtagh, F. 2023. Archaeological Assessment Archaeological Assessment at Adamstown, Clonburris SDZ Lucan, Co. Dublin (Licence No. 23E0458). Unpublished report prepared by IAC Archaeology.
- National Monuments Service, Department of Housing, Local Government and Heritage. Sites and Monuments Record, County Dublin.
- National Museum of Ireland. Topographical Files, County Dublin.

- O' Neill, J. 2020. Archaeological Assessment at Clonburris Little, Cappagh, Kishoge, And Grange, Clondalkin, Dublin 22 (Licence Nos. 20E0390 AND 20R0168). Unpublished report prepared by IAC Archaeology on behalf of Clonburris Infrastructure Limited.
- Quinn, B. 2016. Report on the Archaeological Testing of an Interface Compound at Kishoge and a 220/110 kV Substation at Aungierstown/ Ballybane, Co. Dublin (Licence No. 15E0551). Unpublished report prepared by the Moore Archaeological & Environmental Services.
- South Dublin County Development Plan 2022-2028.
- Whitaker, J. and Hanbridge, R. 2021. Preliminary Report on Archaeological Excavation at Finnstown, Adamstown, Co. Dublin (Licence No. 17E0477). Unpublished report prepared by IAC Archaeology.

CARTOGRAPHIC SOURCES

- William Petty, Down Survey Map of the Barony of Newcastle, c. 1655
- John Rocque, An actual survey of the County of Dublin, 1760
- John Taylor, Map of the environs of Dublin, 1816
- Ordnance Survey maps of County Dublin, 1843-1910

ELECTRONIC SOURCES

- www.excavations.ie – Summary of archaeological excavation from 1970-2025.
- www.archaeology.ie – DoHLGH website listing all SMR/RMP sites.
- www.heritagemaps.ie – The Heritage Council web-based spatial data viewer which focuses on the built, cultural and natural heritage.
- www.geohive.ie – Ordnance Survey Ireland National Townland and Historical Map Viewer (including Aerial imagery 1995, 2000, 2005 and 2013).
- www.googleearth.com – Satellite imagery (2005–2025).
- www.turtlebunbury.com – Bunbury, T. 2022. 'Finnstown House, Lucan, County Dublin'.