

Dataset sources and credits

Table 1. Data sources and copyright statements for data sources used in WWT wetland potential mapping for four wetland themes: ‘wetlands for water quality’, ‘wetlands for flood resilience’, ‘wetlands for carbon storage’ and ‘urban wetlands for wellbeing’. Full references are provided on Page 15.

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
Ancient Woodland (England) (E • •)	(Natural England, 2023b)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.	✓	✓		✓
Ancient Woodland Inventory (Scotland) (• S •)	(Scottish Government, 2023b)	Copyright Scottish Natural Heritage Contains Ordnance Survey data © Crown copyright and database right (2019)	✓	✓		✓
Ancient Woodland Inventory 2021 (• W •)	(Natural Resources Wales, 2021)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	✓	✓		✓
Areas of Special Scientific Interest (• • NI)	(NIEA, 2016; Northern Ireland Environment Agency, 2016)	© NIEA.			✓	
Built-up Areas (December 2011) Boundaries V2 (E • W •)	(Office for National Statistics, 2017)	Ordnance Survey and ONS Intellectual Property Rights.			✓	✓
Carbon and Peatland 2016 map (• S •)	(NatureScot, 2016b)	© SNH and JHI Available under a Non-Commercial Government Licence.		✓		
CRoW Act 2000 - Access Layer (E • •)	(Natural England, 2024c)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.				✓
CRoW Act 2000 - Section 15 Land (E • •)	(Natural England, 2024d)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.				✓

¹ E = England, W = Wales, S=Scotland, NI=Northern Ireland

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
CSGN Habitat Networks and Opportunity Areas (• S •)	(CSGN, 2021)	Contains data from multiple sources: National Forest Inventory (2017) - Forestry Commission © Crown copyright and database right [2021] Ordnance Survey [100021242]; Landcover Map of Scotland 88 - MLURI; Local Nature Conservation Sites - Landmark; Native Woodland Survey of Scotland (2012) - Reproduced by Permission of Ordnance Survey on behalf of HMSO © Crown copyright and database right [2021] Ordnance Survey Licence number 100043970; Habitat Map of Scotland, Local Biodiversity Sites, Sites of Importance for Nature Conservation - © SNH.	✓	✓		
Coastal Classifications	(SEPA, 2023b)	Licensed under the Open Government Licence v.3.0. © SEPA, 2023.	✓			
Coastal Design Sea Levels - Coastal Flood Boundary Extreme Sea Levels (E S W NI)	(Environment Agency, 2023b)	© Environment Agency copyright and/or database right 2019. All rights reserved.			✓	
Coastal Design Sea Levels - Coastal Flood Boundary Extreme Sea Levels Estuary (E S W NI)	(Environment Agency, 2023c)	© Environment Agency copyright and/or database right 2019. All rights reserved.			✓	
Coastal Flood maps (• S •)	(SEPA, 2023g)	Licensed under the Open Government Licence v.3.0. © SEPA, 2023.		✓		
Countries (December 2017) Full Clipped Boundaries in UK (WGS84) (• S W •)	(Office for National Statistics, 2018)	Contains public sector information licensed under the Open Government Licence v3.0. Contains both Ordnance Survey and ONS Intellectual Property Rights.			✓	
Country Parks (E • •)	(Natural England, 2024f)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.				✓
Country Parks (• S •)	(NatureScot, 2020b)	© Crown Copyright. All rights reserved. Licensed under the Open Government Licence v.3.0.				✓
Country Parks (• • W •)	(Natural Resources Wales, 2015c)	© Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓
Current Saltmarsh Extent (• • NI)	(Strong, et al., 2021)	Data provided and permission granted by Ulster Wildlife Trust.			✓	
Data Zone Boundaries 2011 (• S •)	(Scottish Government, 2014a)	Copyright Scottish Government, contains Ordnance Survey data © Crown copyright and database right (insert year).				✓

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
Dissolved oxygen, temperature and salinity measurements in coastal and estuarine waters in the UK from 1990 to 2018 (E S W NI)	(Painting et al, 2023)	Painting et al (2023). Dissolved oxygen, temperature and salinity measurements in coastal and estuarine waters in the UK from 1990 to 2018. Cefas, UK. V1. doi: https://doi.org/10.14466/CefasDataHub.141			✓	
Doorstep Greens (E • • •)	(Natural England, 2024g)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.				✓
Drinking Water Protected Areas (• S • •)	(SEPA, 2023c)	© SEPA, 2022.	✓			
Drinking Water Protected Areas (Surface Water) (E • • •)	(Environment Agency, 2022)	© Environment Agency copyright and/or database right 2022. All rights reserved.	✓			
Environment (Wales) Act Section 7 Terrestrial Habitats of Principle Importance (• • W •)	(Natural Resources Wales, 2022b)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	✓	✓		
Event Duration Monitoring - Storm Overflows - 2021 (England and Wales) E • W •)	(The Rivers Trust, 2021)	Produced by The Rivers Trust. © Environment Agency copyright and/or database right 2022. All rights reserved. © Dŵr Cymru/Welsh Water.	✓			
FABDEM V1-0 (E S W NI)	(Hawker & Neal, 2021)	© Hawker and Neal (2021)	✓	✓		✓
Felling Licence Applications (• • W •)	(Natural Resources Wales, 2024b)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	✓			
Felling Licence Applications England (E • • •)	(Forestry Commission, 2020a)	Open Government Licence v3.0. © Crown copyright 2016.	✓			
Felling Permissions and Licences (• S • •)	(Scottish Forestry, 2023)	© Scottish Forestry, 2023. Licensed under the Open Government Licence v3.0.	✓			
Flood Map for Planning Flood Zones 2 and 3 (• • W •)	(Natural Resources Wales, 2023d)	Contains Natural Resources Wales information © Natural Resources Wales and database right. All rights reserved. Some features of this information are based on digital spatial data licensed from the UK Centre for Ecology & Hydrology © UKCEH. Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right.			✓	

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
Flood Map for Planning (Rivers and Sea) - Flood Zone 3 (E • • •)	(Environment Agency, 2023a)	© Environment Agency copyright and/or database right 2023. All rights reserved. Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH).			✓	
Habitat Map of Scotland (• S • •)	(NatureScot, 2017)	© SNH. Contains Ordnance Survey data © Crown copyright and database right (2017). Contains Forestry Commission information licensed under the Open Government Licence v3.0. Contains SEPA data © Scottish Environment Protection Agency and database right [2016]. All rights reserved. © RSPB © Historic Environment Scotland © Scottish Government	✓	✓	✓	
Habitat Networks (England) – Lakes (E • • •)	(Natural England, 2023d)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.	✓	✓		
Habitat Networks (Individual Habitats) (England) (E • • •)	(Natural England, 2023a)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2020.	✓	✓		
House building, UK: permanent dwellings started and completed by country (E S W NI)	(Office for National Statistics, 2022)	© Office for National Statistics, 2023. Licensed under the Open Government Licence v.3.0.	✓			
Household projections for England (E • • •)	(Office for National Statistics, 2020)	© Office for National Statistics, 2020. Licensed under the Open Government Licence v.3.0.	✓			
Household Projections for Scotland (• S • •)	(National Records of Scotland, 2018)	© National Records of Scotland, 2018. Licensed under the Open Government Licence v.3.0.	✓			
King Charles III England Coast Path Route	(Natural England, 2024i)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.				✓
Land Capability for Agriculture, Scotland (• S • •)	(James Hutton Institute, 1981)	Land Capability for Agriculture, Scotland. Copyright and database right The James Hutton Institute 2016. Used with the permission of The James Hutton Institute. All rights reserved. Any public sector information contained in these data is licensed under the Open Government Licence v.2.0.		✓		
Local Nature Reserves (E • • •)	(Natural England, 2024b)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.				✓
Local Nature Reserves (• • W •)	(Natural Resources Wales, 2024c)	© CNC/NRW All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Data may be re-used under the terms of the Open Government Licence.				✓

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
Local Nature Reserves (• S ••)	(Scottish Government, 2023d)	© Crown Copyright. All rights reserved. Licensed under the Open Government Licence v.3.0.				✓
LiDAR for Scotland Phase 1-5 DTM (• S ••)	(Scottish Government, 2022)	© Crown copyright Scottish Government, SEPA and Scottish Water (2012).			✓	
Lower layer Super Output Areas (E • W •)	(Office for National Statistics, 2016)	© Office for National Statistics (ONS).				✓
Main river and coastal catchments (• S ••)	(SEPA, 2023a)	Licensed under the Open Government Licence v.3.0. © SEPA, 2023. Some features of this information are based on digital spatial data licensed from the Centre for Ecology and Hydrology © NERC (CEH). Contains OS data © Crown copyright and database right.	✓			
Main Rivers (•• W •)	(Natural Resources Wales, 2023f)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.		✓		
Marine Article 17 Habitats Features (•• W •)	(Natural Resources Wales, 2018b)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right. Derived in part from data provided under licence by the British Geological Survey © NERC			✓	
Millennium Greens	(Natural England, 2024e)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.				✓
Modelling of Habitat Networks for Welsh Woodlands, Grasslands, Heathlands, Bogs and Fens (•• W •)	(Natural Resources Wales, 2023c)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	✓	✓		
NASA Shuttle Radar Topography Mission (SRTM) Global 1 arc second DEM (• S • NI)	(NASA JPL, 2013)	© NASA.			✓	
National Cycle Network (E S W NI)	(Sustrans, 2020)	© Sustrans.				✓

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
National Flood Risk Maps (• • W •)	(Natural Resources Wales, 2020)	Contains Natural Resources Wales information © Natural Resources Wales and database right. All rights reserved. Some features of this information are based on digital spatial data licensed from the UK Centre for Ecology & Hydrology © UKCEH, the Environment Agency © EA and Getmapping Plc and Bluesky International Limited [2015]. Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right. Land & Property Services © Crown copyright and database right.		✓		
National Forest Estate Recreation Routes GB (E S W •)	(Scottish Government, 2024b)	© Forestry Commission.				✓
National Forest Inventory Woodland GB 2020 (E S W •)	(Forestry Commission, 2020b)	Contains, or is based on, information supplied by the Forestry Commission. © Crown copyright and database right 2020 Ordnance Survey [100021242].		✓		✓
National Nature Reserves (NNR) (• • W •)	(Natural Resources Wales, 2022c)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓
National Nature Reserves (Scotland) (• S • •)	(NatureScot, 2022)	© NatureScot, Contains Ordnance Survey data © Crown copyright and database right (2024)				✓
National Trails (E • • •)	(Natural England, 2024h)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.				✓
National Trails (• • W •)	(Natural Resources Wales, 2022d)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓
NATMAP vector England and Wales (E • W •)	(Farewell, Truckell, Keay, & Hallett, 2024)	Soils Data © Cranfield University (NSRI) and for the Controller of HMSO 2023.	✓	✓		

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
Neighbourhood Flood Vulnerability Index (E S W •)	(Sayers, Horritt, Penning Rowsell, & Fieth, 2017)	Contains derived data from the Office for National Statistics licensed under the Open Government Licence. © Crown copyright and database right 2012. Sayers, P.B., Horritt, M., Penning Rowsell, E., and Fieth, J. (2017). Present and future flood vulnerability, risk and disadvantage: A UK scale assessment. A report for the Joseph Rowntree Foundation published by Sayers and Partners LLP.				✓
Neptune Coastline Campaign Open Data: Land Use 2014 (• • W NI)	(Comber, et al., 2016)	Licensed under the Open Government Licence v.3.0.			✓	
Northern Ireland Household Projections (2016 based) (• • • NI)	(NISRA, 2018)	© NISRA, 2020. Licensed under the Open Government Licence v.3.0.	✓			
Open Access - Dedicated Forests (• • W •)	(Natural Resources Wales, 2016b)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓
Open Access – Open Country (• • W •)	(Natural resources Wales, 2016c)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓
Open Access - Other Dedicated Land (• • W •)	(Natural Resources Wales, 2017b)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓
Open Access - Other Statutory Access Land (• • W •)	(Natural Resources Wales, 2016d)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓
Open Access – Registered Common Land (• • W •)	(Natural Resources Wales, 2017c)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
OSNI Open Data - Largescale Boundaries - NI Outline (• • NI)	(OpenDataNI, 2023b)	Licensed under the Open Government Licence v.3.0.			✓	
OSNI Open Data – 50K Transport – Transport lines (• • NI)	(OpenDataNI, 2023a)	Licensed under the Open Government Licence v.3.0.			✓	
OS Open Built Up Areas (E S W •)	(Ordnance Survey, 2024b)	© Ordnance Survey Limited 2023. All rights reserved.	✓			
OS Open Greenspace (E S W •)	(Ordnance Survey, 2024c)	© Ordnance Survey Limited 2023. All rights reserved.				✓
OS OpenMap – Local (E S W •)	(Ordnance Survey, 2023a)	© Ordnance Survey Limited 2023. All rights reserved.	✓	✓		✓
OS Open Rivers (E S W •)	(Ordnance Survey, 2023b)	© Ordnance Survey Limited 2023. All rights reserved.	✓	✓		
OS Open Roads (• S W •)	(Ordnance Survey, 2022a)	© Ordnance Survey Limited 2023. All rights reserved.			✓	
OS VectorMap District (• S W •)	(Ordnance Survey, 2022b)	© Ordnance Survey Limited 2023. All rights reserved.			✓	
Overflow Spill Data (• S • •)	(Scottish Water, 2023)	Contains NRS Post Code data © Crown copyright and database right 2023 (Post code). Contains OS Local Authority data © Crown copyright and database right 2023 (Local Authority). Contains © SEPA 2023; this SEPA product is licenced under the Open Government Licence 3.0 (Discharge Receiving Water). Reported overflow data to SEPA for the last 5 years, Scottish Water, 2023. This information is licensed under the terms of the Open Government Licence. Contains OS data © Crown copyright and database right 2023.	✓			
Peaty Soils Location (England) (E • • •)	(Natural England, 2023f)	Derived from 1:50 000 scale BGS Digital Data under Licence 2006/072 British Geological Survey © NERC. National Soils map © Cranfield University (NSRI) © Crown Copyright and database rights 2023. © Natural England copyright 2023, reproduced with the permission of Natural England, https://www.gov.uk/help/terms-conditions © Crown Copyright and database right 2023. Ordnance Survey licence number 100022021.		✓		
Predictive Agricultural Land Classification (ALC) Map 2 (• • W •)	(Welsh Government, 2017)	© Welsh Government 2019; this product is licenced under the Open Government Licence 3.0.	✓	✓		

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
Potential habitat creation sites within the current floodplain (E • • •)	(MMO, 2019)	© Marine Management Organisation (MMO) copyright and/or database right 2020. All rights reserved.			✓	
Priority Habitats Inventory (England) (E • • •)	(Natural England, 2023e)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.	✓	✓		
Priority River Habitat – Rivers (E • • •)	(Natural England, 2023c)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.	✓	✓		
Protected Area Register (• • W •)	(Natural Resources Wales, 2015b)	© NRW, 2015.	✓			
Provisional Agricultural Land Classification (ALC) (England) (E • • •)	(Defra, 1988)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2023.	✓	✓		
Risk of Flooding from Rivers and Sea (E • • •)	(Environment Agency, 2023d)	© Environment Agency copyright and/or database right 2018. All rights reserved. Some features of this map are based on digital spatial data from the Centre for Ecology & Hydrology, © NERC (CEH) © Crown copyright and database rights 2018 Ordnance Survey 100024198.		✓		
Risk of Flooding from Surface Water (E • • •)	(Environment Agency, 2023e)	© Environment Agency copyright and/or database right 2015. All rights reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2015. Land & Property Services © Crown copyright and database right.		✓		
River Classifications	(SEPA, 2023d)	Licensed under the Open Government Licence v.3.0. © SEPA, 2023.	✓			

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
River Flood Maps (• S ••)	(SEPA, 2023e)	© SEPA 2022; this SEPA product is licenced under the Open Government Licence 3.0. ©Aberdeen Harbour Board (2014). Aberdeenshire Council, Aberdeen City Council, James Hutton Institute, Scottish Environment Protection Agency (2016). IR Aerial Photography ©GeoPerspectives. • Digital Terrain/Surface Model- ©GeoPerspectives. • Lidar Digital Terrain Models and Digital Surface Models- ©Infoterra Ltd. Some features of this map are based on digital spatial data licensed from the UK Centre for Ecology & Hydrology © UKCEH. Defra, Met Office and Department for Infrastructure © Crown copyright © Cranfield University. © James Hutton Institute. Ordnance Survey data © Crown copyright and database right 2022. Environment Agency copyright and/or database right 2016. All rights reserved. This study uses data from Environment Agency provided by the British Oceanographic Data Centre and funded by UKCFF. Contains Scottish Forestry information licensed under the Open Government Licence v3.0. © Cities Revealed Lidar copyright, the Geoinformation Group. © Bluesky International LTD and Getmapping Plc 2022. Nextmap © Intermap. Data from the UK National River Flow Archive. © Crown copyright and database rights 2020 OS PSGA Member Licence. Crown Copyright Scottish Government, SEPA and Scottish Water (2012). Crown Copyright Scottish Government and SEPA (2014). This information is published under an OGL licence. Some data is derived from information provided by Transport Scotland under an OGL. Tidal data provided by the UKHO has been used under licence. ©Crown Copyright 2021, UKHO and the Keeper of Public Records.		✓	✓	
Saltmarsh Extents (•• W •)	(Natural Resources Wales, 2017a)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved.	✓	✓	✓	
Saltmarsh Extents And Zonation (EA) (E • ••)	(Defra, 2023f)	© Environment Agency copyright and/or database right 2015. All rights reserved.	✓	✓	✓	
Saltmarsh Survey of Scotland (• S ••)	(NatureScot, 2016a)	Contains NatureScot information licensed under the Open Government Licence v3.0.	✓	✓	✓	

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
Scottish Index of Multiple Deprivation 2020 (• S •)	(Scottish Government, 2020b)	© Scottish Government.				✓
Scotland Habitat and Land cover map – 2020 (• S •)	(NatureScot, 2020a)	Maps and data created by Space Intelligence with input and support from NatureScot, © SNH.	✓	✓		
Settlement Development Limits (2015) (• • NI)	(NISRA, 2015)	© NISRA. Licensed under the Open Government Licence v3.0.			✓	
Settlements – Scotland (• S •)	(Scottish Government, 2023c)	© National Records of Scotland, Scottish Government.			✓	✓
Shoreline Management Plan Policies (• W •)	(Natural Resources Wales, 2023e)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved.			✓	
Site of Special Scientific Interest (Scotland) (• S •)	(Scottish Government, 2024a)	Contains SNH information licensed under the Open Government Licence v3.0.			✓	
Sites of Special Scientific Interest (England) (E • •)	(Natural England, 2024a)	© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right 2024.			✓	
Sites of Special Scientific Interest (SSSI) (• W •)	(Natural Resources Wales, 2024a)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.			✓	
Small Area Mental Health Index (E • •)	(Daras & Barr, 2021)	Daras K, Barr B (2021), Small Area Mental Health Index (SAMHI) version 4.00 [Open Dataset], Place-based Logitudinal Data Resource, DOI: 10.17638/datacat.liverpool.ac.uk/1188				✓
Social Flood Risk Index (E S W •)	(Sayers, Horritt, Penning Rowsell, & Fieth, 2017)	Contains derived data from the Office for National Statistics licensed under the Open Government Licence. © Crown copyright and database right 2012. Sayers, P.B., Horritt, M., Penning Rowsell, E., and Fieth, J. (2017). Present and future flood vulnerability, risk and disadvantage: A UK scale assessment. A report for the Joseph Rowntree Foundation published by Sayers and Partners LLP.		✓		✓
1:250,000 Soil Map (National Soil Map) Version 1.3/1.4 (• S •)	(Soil Survey of Scotland Staff, 1981)	© Soil Survey of Scotland Staff (1981).	✓	✓		

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
Statutory Main River Map (E • •)	(Environment Agency, 2023f)	© Environment Agency copyright and/or database right. Contains OS data © Crown copyright and database right (2023).		✓		
Subnational household projections (local authority): 2018 to 2043 (• • NI)	(National Records of Scotland, 2018)	© National Records of Scotland, 2018. Licensed under the Open Government Licence v.3.0.	✓			
Surface Drinking Water Protected Areas (• • NI)	(DAERA, 2023)	© DAERA, 2023. Licensed under the Open Government Licence v3.0.	✓			
Surface Water Bodies Status 2015 (• • NI)	(DAERA, 2022b)	© DAERA NIEA, contains OSNI information licensed under OGL v3.0	✓			
Surface Water Flood Maps (• S •)	(SEPA, 2023f)	© SEPA 2022; this SEPA product is licenced under the Open Government Licence 3.0. IR Aerial Photography- ©GeoPerspectives. • Digital Terrain/Surface Model- ©GeoPerspectives. • Lidar Digital Terrain Models and Digital Surface Models- ©Infoterra Ltd. Some features of this map are based on digital spatial data licenced from the UK Centre for Ecology and Hydrology ©UKCEH. Based upon LCM2007 ©UKCEH 2011. Contains Ordnance Survey data ©Crown Copyright 2007. © third party licensors. Contains OS data ©Crown copyright and database right 2022. ©Crown copyright Defra March 2006. Environment Agency copyright and/or database right 2016. All rights reserved. © Cities Revealed Lidar copyright, the Geoinformation Group. Nextmap © Intermap. © Crown copyright and database rights 2020 OS PSGA Member Licence. Crown Copyright Scottish Government, SEPA and Scottish Water (2012).		✓		
Traditional Orchards (• • W •)	(Natural Resources Wales, 2016a)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved.	✓	✓		
UK Lakes - Lakes Portal (UKCEH) (E S W NI)	(Hughes, et al., 2004)	© Taylor, P.J. (2021). © UKCEH.	✓	✓		
UK Managed Realignment and Regulated Tidal Exchange Schemes (ABPmer) (• S W NI)	(ABPmer, 2019)	© APBmer. Permission to use dataset granted by ABPmer.		✓	✓	✓
UK Pollutant Release and Transfer Register (PRTR) datasets (E S W NI)	(Defra, 2012b)	© DEFRA, 2012. Licensed under the Open Government Licence v.3.0.	✓			

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
UKCEH Land Cover Maps (E S W NI)	(Marston, Rowland, O'Neil, & Morton, 2021)	© Marston, C. <i>et al.</i> (2021). © UKCEH.	✓			
UK Roads (OpenStreetMap Export) (E S W NI)	(OpenStreetMap contributors, 2020)	© OpenStreetMap.				✓
Unified peat map for Wales (• • W •)	(Evans, et al., 2020)	© Evans, C.D. <i>et al.</i> (2021). © UKCEH.		✓		
Wales Coast Path (• • W •)	(Natural Resources Wales, 2024d)	© Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number AC0000849444. Crown Copyright and Database Right.				✓
Water Framework Directive (WFD) Coastal Waterbodies Cycle 2 (• • W •)	(Natural Resources Wales, 2015a)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	✓		✓	
Water Framework Directive (WFD) River Waterbodies Cycle 2 (• • W •)	(Natural Resources Wales, 2023b)	Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right.	✓	✓		
WFD RBMP2 Reason for Not Achieving Good Status (RNAGS) (E • • •)	(Environment Agency, 2015)	© Environment Agency copyright and/or database right 2015. All rights reserved.	✓			
Welsh Index of Multiple Deprivation (• • W •)	(Welsh Government, 2022)	© Statistics for Wales.				✓
Westminster Parliamentary Constituencies (E S W NI)	(Office for National Statistics, 2024)	Contains both Ordnance Survey and ONS Intellectual Property Rights.	✓	✓	✓	✓
WFD River Water Body Catchments Cycle 2 Classification 2019 (E • • •)	(Environment Agency, 2019a)	© Environment Agency copyright and/or database right 2015. All rights reserved.	✓	✓		
WFD River Water Bodies 2nd Cycle (• • • NI)	(DAERA, 2021)	© DAERA NIEA, contains OSNI information licensed under OGL v3.0	✓	✓		
WFD Transitional and Coastal Waterbody Classifications 2019 (E • • •)	(Environment Agency, 2019b)	© Environment Agency copyright and/or database right 2015. All rights reserved.	✓		✓	

100,000 hectares of UK wetlands – exploring the potential

Dataset (including country ¹)	Reference	Copyright statement	Wetland theme in which the dataset was used			
			Water quality	Flood resilience	Carbon storage	Urban wellbeing
World Imagery (Esri) (• S W NI)	(Esri, Maxar, Earthstar Geographics, & GIS User Community, 2024)	Esri; Maxar; Earthstar Geographics and the GIS User Community			✓	

References

- ABPmer. (2019). *UK Managed Realignment and Regulated Tidal Exchange Schemes (ABPmer - Dec19)*. Retrieved 2022, from https://data.catchmentbasedapproach.org/datasets/13a5e896eb904d38a9c3452936eac75a_0/explore
- Comber, A. J., Davies, H., Pinder, D., Whittow, J. B., Woodhall, A., & Johnson, S. C. (2016). Mapping coastal land use changes 1965–2014: methods for handling historical thematic data. *Trans Inst Br Geogr*, 41, 442-459.
- CSGN. (2021). *CSGN - Habitat Networks and Opportunity Areas*. Retrieved from <https://spatialdata.gov.scot/geonetwork/srv/api/records/61eb5c6d-674e-420d-818f-d45a3601b102>
- DAERA. (2021). *WFD River Water Bodies 2nd Cycle*. Retrieved 2023, from <https://opendata-daerani.hub.arcgis.com/datasets/DAERANI::wfd-river-water-bodies-2nd-cycle/about>
- DAERA. (2022b). *Surface Water Bodies Status 2015*. Retrieved 2023, from <https://admin.opendatani.gov.uk/dataset/surface-water-bodies-status-20153>
- DAERA. (2023). *Surface Drinking Water Protected Areas*. Retrieved 2023, from <https://www.opendatani.gov.uk/@department-of-agriculture-environment-and-rural-affairs/surface-drinking-water-protected-areas3>
- Daras, K., & Barr, B. (2021). Small Area Mental Health Index (SAMHI) [Version 4.00]. *Place-based Longitudinal Data Resource*. doi:10.17638/datacat.liverpool.ac.uk/1188
- Defra. (1988). *Provisional Agricultural Land Classification*. Retrieved 2023, from <https://environment.data.gov.uk/dataset/af1b847b-037b-4772-9c31-7edf584522aa>
- Defra. (2012b). *UK Pollutant Release and Transfer Register (PRTR) data sets*. Retrieved 2023, from <https://www.gov.uk/guidance/uk-pollutant-release-and-transfer-register-prtr-data-sets>
- Defra. (2023f). *Saltmarsh Extent & Zonation*. Retrieved 2023, from <https://environment.data.gov.uk/dataset/6da82900-d465-11e4-8cc3-f0def148f590>
- Environment Agency. (2015). *WFD RBMP2 Reasons for Not Achieving Good Status*. Retrieved November 2023, from <https://www.data.gov.uk/dataset/a0c01908-1f50-4051-b701-45ec613899f0/wfd-rbmp2-reasons-for-not-achieving-good-status>
- Environment Agency. (2019a). *WFD River Water Body Catchments Cycle 2 Classification 2019*. Retrieved 2023, from <https://www.data.gov.uk/dataset/0830f003-df64-4b79-a15c-1466881d2241/wfd-river-water-body-catchments-cycle-2-classification-2019>
- Environment Agency. (2019b). *WFD Transitional and Coastal Water Bodies Cycle 2 Classification 2019*. Retrieved 2023, from <https://www.data.gov.uk/dataset/0f6c2aee-3f8e-476c-93df-e629881bd985/wfd-transitional-and-coastal-water-bodies-cycle-2-classification-2019>
- Environment Agency. (2022). *Drinking Water Protected Areas (Surface Water)*. Retrieved 2023, from <https://environment.data.gov.uk/dataset/b4f0e481-f5e3-4421-90b8-5f1cde58eb59>

100,000 hectares of UK wetlands – exploring the potential

- Environment Agency. (2023a). *Flood Map for Planning (Rivers and Sea) - Flood Zone 3*. Retrieved 2023, from <https://www.data.gov.uk/dataset/bed63fc1-dd26-4685-b143-2941088923b3/flood-map-for-planning-rivers-and-sea-flood-zone-3>
- Environment Agency. (2023b). *Coastal Design Sea Levels - Coastal Flood Boundary Extreme Sea Levels (2018)*. Retrieved 2023, from <https://www.data.gov.uk/dataset/73834283-7dc4-488a-9583-a920072d9a9d/coastal-design-sea-levels-coastal-flood-boundary-extreme-sea-levels-2018>
- Environment Agency. (2023c). *Coastal Design Sea Levels - Coastal Flood Boundary Extreme Sea Levels Estuary (2018)*. Retrieved 2023, from <https://www.data.gov.uk/dataset/5b9a5a99-e996-431b-b001-f364d53736f0/coastal-design-sea-levels-coastal-flood-boundary-extreme-sea-levels-estuary-2018>
- Environment Agency. (2023d). *Risk of Flooding from Rivers and Sea*. Retrieved 2023, from <https://www.data.gov.uk/dataset/bad20199-6d39-4aad-8564-26a46778fd94/risk-of-flooding-from-rivers-and-sea>
- Environment Agency. (2023e). *Risk of Flooding from Surface Water Extent*. Retrieved 2023, from <https://www.data.gov.uk/dataset/95ea1c96-f3dd-4f92-b41f-ef21603a2802/risk-of-flooding-from-surface-water-extent-3-3-percent-annual-chance>
- Environment Agency. (2023f). *Statutory Main River Map*. Retrieved 2023, from <https://www.data.gov.uk/dataset/4ae8ba46-f9a4-47d0-8d93-0f93eb494540/statutory-main-river-map>
- Esri, Maxar, Earthstar Geographics, & GIS User Community. (2024). *World Imagery*. Retrieved 2022, from <https://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08febac2a9>
- Evans, C., Scholefield, P., Rawlins, B., Grebby, S., Jones, P., & Williamson, J. (2020). *Unified peat map for Wales*. NERC Environmental Information Data Centre. doi:<https://doi.org/10.5285/58139ce6-63f9-4444-9f77-fc7b5dcc00d8>
- Farewell, T., Truckell, I., Keay, C., & Hallett, S. (2024). *The derivation and application of Soilscales: soil and environmental datasets from the National Soil Resources Institute, 2nd ed.* Cranfield University. Retrieved 2023, from <https://www.landis.org.uk/data/nmvector.cfm>
- Forestry Commission. (2020a). *Felling Licence Applications England*. Retrieved 2023, from <https://www.data.gov.uk/dataset/470a3d60-612a-444d-8605-b7db96b89804/felling-licence-applications-england>
- Forestry Commission. (2020b). *National Forest Inventory Woodland GB 2020*. Retrieved 2023, from <https://www.uk.maps.arcgis.com/home/item.html?id=eb05bd0be3b449459b9ad0692a8fc203>
- Hawker, L., & Neal, J. (2021). *FABDEM V1-0*. Retrieved from <https://doi.org/10.5523/bris.25wfy0f9ukoge2gs7a5mqpq2j7>
- Hughes, M., Bennion, H., Kernan, M., Hornby, D., Hilton, J., Phillips, G., & Thomas, R. (2004). The development of a GIS-based inventory of standing waters in Great Britain together with a risk-based prioritisation protocol. *Water, Air, and Soil Pollution: Focus*, 4(2-3), 73-84. doi:10.1023/B:WAFO.0000028346.27904.83

100,000 hectares of UK wetlands – exploring the potential

- James Hutton Institute. (1981). *Land Capability for Agriculture, Scotland*. Retrieved 2023, from <https://www.spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/24c6df5a-6b04-43f8-839f-0d45cc2802e3>
- Marston, C., Rowland, C., O’Neil, A., & Morton, R. (2021). Land Cover Map 2021 (10m classified pixels, GB). *NERC EDS Environmental Information*. doi:<https://doi.org/10.5285/a22baa7c-5809-4a02-87e0-3cf87d4e223a>
- MMO. (2019). *Identifying sites suitable for marine habitat restoration or creation. A report produced for the Marine Management Organisation by ABPmer and AER*. MMO Project No: 1135.
- NASA JPL. (2013). *NASA Shuttle Radar Topography Mission Global 1 arc second*. NASA EOSDIS Land Processes DAAC. Retrieved 02 10, 2022, from <https://doi.org/10.5067/MEaSURES/SRTM/SRTMGL1.003>
- National Records of Scotland. (2018). *Household Projections*. Retrieved January 17, 2023, from <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/households/household-projections>
- Natural England. (2023a). *Habitat Networks (Individual Habitats) (England)*. Retrieved 2023, from <https://naturalengland-defra.opendata.arcgis.com/maps/7d16507932cd436d824a1262e7c29594/about>
- Natural England. (2023b). *Ancient Woodland (England)*. Retrieved 2023, from <https://www.data.gov.uk/dataset/9461f463-c363-4309-ae77-fdcd7e9df7d3/ancient-woodland-england>
- Natural England. (2023c). *Priority River Habitat - Rivers*. Retrieved 2023, from <https://www.data.gov.uk/dataset/20019cdb-9fef-4024-81af-daf1d1b74762/priority-river-habitat-rivers>
- Natural England. (2023d). *Habitat Networks (England) - Lakes*. Retrieved 2023, from <https://www.data.gov.uk/dataset/a8e54416-2bb1-4398-8f47-2d1623f90982/habitat-networks-england-lakes>
- Natural England. (2023e). *Priority Habitats Inventory (England)*. Retrieved 2023, from <https://www.data.gov.uk/dataset/4b6ddab7-6c0f-4407-946e-d6499f19fcde/priority-habitats-inventory-england>
- Natural England. (2023f). *Peaty Soils Location (England)*. Retrieved 2023, from <https://naturalengland-defra.opendata.arcgis.com/datasets/Defra::peaty-soils-location-england/about>
- Natural England. (2024b). *Local Nature Reserves (England)*. Retrieved 2023, from <https://www.data.gov.uk/dataset/acdf4a9e-a115-41fb-bbe9-603c819aa7f7/local-nature-reserves-england>
- Natural England. (2024c). *CRoW Act 2000 - Access Layer*. Retrieved 2023, from <https://www.data.gov.uk/dataset/05fa192a-06ba-4b2b-b98c-5b6bec5ff638/crow-act-2000-access-layer>
- Natural England. (2024d). *CRoW Act 2000 - Section 15 Land*. Retrieved 2023, from <https://www.data.gov.uk/dataset/f7255820-97d1-4891-aa7c-b6a2baa1e2b6/crow-act-2000-section-15-land>

100,000 hectares of UK wetlands – exploring the potential

- Natural England. (2024e). *Millennium Greens (England) Polygons*. Retrieved 2023, from <https://www.data.gov.uk/dataset/2aee95fc-80aa-4c5b-9377-74971fdc31c6/millennium-greens-england-polygons>
- Natural England. (2024f). *Country Parks (England)*. Retrieved 2023, from <https://www.data.gov.uk/dataset/e729abb9-aa6c-42c5-baec-b6673e2b3a62/country-parks-england>
- Natural England. (2024g). *Doorstep Greens (England) Polygons*. Retrieved 2023, from <https://www.data.gov.uk/dataset/6a80e5a7-017e-49ba-a981-5cd0c727086f/doorstep-greens-england-polygons>
- Natural England. (2024h). *National Trails*. Retrieved 2022, from <https://www.data.gov.uk/dataset/ac8c851c-99a0-4488-8973-6c8863529c45/national-trails>
- Natural England. (2024i). *King Charles III England Coast Path Route*. Retrieved 2023, from <https://www.data.gov.uk/dataset/2cc04258-a5d4-4eea-823d-bf493aa31eef/king-charles-iii-england-coast-path-route>
- Natural Resources Wales. (2015a). *Water Framework Directive (WFD) Coastal Waterbodies Cycle 2*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_WFD_COASTAL_C2
- Natural Resources Wales. (2015b). *Protected area register*. <https://cdn.cyfoethnaturiol.cymru/media/676156/protected-area-register.xlsx>: NRW.
- Natural Resources Wales. (2015c). *Country Parks*. Retrieved 2023, from https://datamap.gov.wales/layers/geonode:country_parks
- Natural Resources Wales. (2016a). *Traditional Orchards*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:TRADITIONAL_ORCHARDS
- Natural Resources Wales. (2016b). *Open Access - Dedicated Forests*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_PUBLIC_FOREST_2014
- Natural Resources Wales. (2016c). *Open Access - Open Country*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_OPEN_COUNTRY_2014
- Natural Resources Wales. (2016d). *Open Access - Other Statutory Access Land*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_OTHER_STATUTORY_LAND_2014
- Natural Resources Wales. (2017a). *Saltmarsh Extents*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_SALTMARSH_EXTENTS
- Natural Resources Wales. (2017b). *Open Access - Other Dedicated Land*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_OTHER_DEDICATED_LAND
- Natural Resources Wales. (2017c). *Open Access - Registered Common Land*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_COMMON_LAND_2014
- Natural Resources Wales. (2018b). *Marine Article 17 Habitats Features*. Retrieved 2022, from <https://datamap.gov.wales/layergroups/inspire-nrw:MarineArt17Features>
- Natural Resources Wales. (2020). *National Flood Risk Maps*. Retrieved 2023, from <https://datamap.gov.wales/layergroups/inspire-nrw:NationalFloodRiskMaps>

100,000 hectares of UK wetlands – exploring the potential

- Natural Resources Wales. (2021). *Ancient Woodland Inventory 2021*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_ANCIENT_WOODLAND_INVENTORY_2021
- Natural Resources Wales. (2022b). *Environment (Wales) Act Section 7 Terrestrial Habitats of Principle Importance*. Retrieved 2023, from https://datamap.gov.wales/layergroups/geonode:nrw_terrestrial_sections_7_habitats
- Natural Resources Wales. (2022c). *National Nature Reserves (NNR)*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_NNR
- Natural Resources Wales. (2022d). *National Trails*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_NATIONAL_TRAIL
- Natural Resources Wales. (2023b). *Water Framework Directive (WFD) River Waterbodies Cycle 2*. Retrieved 2023, from https://datamap.gov.wales/layers/geonode:nrw_wfd_river_waterbodies_c2
- Natural Resources Wales. (2023c). *Modelling of Habitat Networks for Welsh Woodlands, Grasslands, Heathlands, Bogs and Fens*. Retrieved 2023, from <https://www.data.gov.uk/dataset/97778ab5-6127-4eab-ba2f-566723168964/modelling-of-habitat-networks-for-welsh-woodlands-grasslands-heathlands-bogs-and-fens>
- Natural Resources Wales. (2023d). *Flood Map for Planning Flood Zones 2 and 3*. Retrieved 2023, from <https://datamap.gov.wales/layergroups/inspire-nrw:FloodMapforPlanningFloodZones2and3>
- Natural Resources Wales. (2023e). *Shoreline Management Plan Policies*. Retrieved 2022, from https://datamap.gov.wales/layers/geonode:nrw_shoreline_management_plan_policies
- Natural Resources Wales. (2023f). *Main Rivers*. Retrieved 2023, from <https://www.data.gov.uk/dataset/78350fdd-519d-426d-9e37-ed19a1043e3b/main-rivers>
- Natural Resources Wales. (2024a, 05 30). *Sites of Special Scientific Interest (SSSI)*. Retrieved 07 22, 2024, from https://datamap.gov.wales/layers/inspire-nrw:NRW_SSSI
- Natural Resources Wales. (2024b). *Felling Licence Applications*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_FELLING_LICENCE_APPLICATIONS
- Natural Resources Wales. (2024c). *Local Nature Reserves (LNR)*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-nrw:NRW_LNR
- Natural Resources Wales. (2024d). *Wales Coast Path*. Retrieved 2022, from https://datamap.gov.wales/layers/inspire-nrw:NRW_WALES_COASTAL_PATH
- NatureScot. (2016a). *Saltmarsh Survey of Scotland*. Retrieved 2023, from <https://www.spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/94e8b6f5-f2f4-43b8-8d02-7322b726c654>
- NatureScot. (2016b). *Carbon and Peatland 2016 map*. Retrieved 2023, from <https://www.spatialdata.gov.scot/geonetwork/srv/eng/catalog.search#/metadata/51b36efb-3521-4243-9bb0-93f8a7a60a71>

100,000 hectares of UK wetlands – exploring the potential

- NatureScot. (2017). *Habitat Map of Scotland*. Retrieved 2023, from https://opendata.nature.scot/datasets/a3e4f1f2eb2b481fa15c58d831b96250_0/about
- NatureScot. (2020a). *Scotland Habitat and Land Cover Map - 2020*. Retrieved 2023, from <https://spatialdata.gov.scot/geonetwork/srv/api/records/88cea3bd-8679-48d8-8ffb-7d2f1182c175>
- NatureScot. (2020b). *Country Parks*. Retrieved 2023, from <https://opendata.nature.scot/datasets/snh::country-parks/about>
- NatureScot. (2022). *National Nature Reserves*. Retrieved 2023, from <https://opendata.nature.scot/datasets/snh::national-nature-reserves/about>
- NIEA. (2016). *Areas of Special Scientific Interest*. Retrieved 2023, from <https://admin.opendatani.gov.uk/dataset/areas-of-special-scientific-interest>
- NISRA. (2015). *Urban - Rural Classification*. Retrieved 2022, from <https://www.nisra.gov.uk/support/geography/urban-rural-classification>
- NISRA. (2018). *Northern Ireland Household Projections (2016 based)*. Retrieved January 17, 2023, from <https://www.nisra.gov.uk/publications/northern-ireland-household-projections-2016-based>
- Northern Ireland Environment Agency. (2016, 10 03). *Areas of Special Scientific Interest*. Retrieved 07 22, 2024, from <https://admin.opendatani.gov.uk/dataset/areas-of-special-scientific-interest>
- Office for National Statistics. (2016). *Lower Layer Super Output Area (LSOA) boundaries*. Retrieved from <https://www.data.gov.uk/dataset/fa883558-22fb-4a1a-8529-cffdee47d500/lower-layer-super-output-area-lsoa-boundaries>
- Office for National Statistics. (2017). *Built-up Areas (December 2011) Boundaries V2*. Retrieved 2023, from <https://www.data.gov.uk/dataset/15e3be7f-66ed-416c-b0f2-241e87668642/built-up-areas-december-2011-boundaries-v2>
- Office for National Statistics. (2018). *Countries (December 2017) Generalised Clipped Boundaries in UK (WGS84)*. Retrieved 2022, from <https://www.data.gov.uk/dataset/082aceea-e78d-48c7-81fa-b75324a95b0d/countries-december-2017-full-clipped-boundaries-in-uk-wgs84>
- Office for National Statistics. (2020). *Household projections for England*. Retrieved January 17, 2023, from <https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationprojections/datasets/householdprojectionsforengland>
- Office for National Statistics. (2022). *House building, UK: permanent dwellings started and completed by country*. Retrieved November 21, 2022, from <https://www.ons.gov.uk/peoplepopulationandcommunity/housing/datasets/ukhousebuildingpermanentdwellingsstartedandcompleted>
- Office for National Statistics. (2024). *Westminster Parliamentary Constituencies (July 2024) Boundaries UK BSC*. Retrieved 2024, from <https://www.data.gov.uk/dataset/54b653d8-f293-4a47-a993-0aeeab68100f/westminster-parliamentary-constituencies-july-2024-boundaries-uk-bsc>

100,000 hectares of UK wetlands – exploring the potential

- OpenDataNI. (2023a). *OSNI Open Data - 50K Transport - Transport lines*. Retrieved 2022, from <https://www.opendatani.gov.uk/dataset/osni-open-data-50k-transport-transport-lines>
- OpenDataNI. (2023b). *OSNI Open Data - Largescale Boundaries - NI Outline*. Retrieved 2022, from <https://www.opendatani.gov.uk/dataset/osni-open-data-largescale-boundaries-ni-outline>
- OpenStreetMap contributors. (2020). *UK Roads (OpenStreetMap Export)*. (H. O. (HOT), Producer) Retrieved 2022, from https://data.humdata.org/dataset/?dataseries_name=HOTOSM%20-%20Roads&groups=gbr&q=&sort=last_modified%20desc&ext_page_size=25
- Ordnance Survey. (2022a). *OS Open Roads*. Retrieved 2022, from <https://www.ordnancesurvey.co.uk/products/os-open-roads>
- Ordnance Survey. (2022b). *OS VectorMap District*. Retrieved 2022, from <https://www.ordnancesurvey.co.uk/products/os-vectormap-district#overview>
- Ordnance Survey. (2023a). *OS OpenMap - Local*. Retrieved 2023, from <https://beta.ordnancesurvey.co.uk/products/os-open-map-local>
- Ordnance Survey. (2023b). *OS Open Rivers*. Retrieved 2023, from <https://www.data.gov.uk/dataset/dc29160b-b163-4c6e-8817-f313229bcc23/os-open-rivers>
- Ordnance Survey. (2024b). *OS Open Built Up Areas*. Retrieved 2023, from <https://beta.ordnancesurvey.co.uk/products/os-open-built-up-areas>
- Ordnance Survey. (2024c). *OS Open Greenspace*. Retrieved 2023, from <https://www.ordnancesurvey.co.uk/products/os-open-greenspace>
- Painting et al. (2023). *Dissolved oxygen, temperature and salinity measurements in coastal and estuarine waters in the UK from 1990 to 2018* (Vol. 1). UK: Cefas. doi:<https://doi.org/10.14466/CefasDataHub.141>
- Sayers, P., Horritt, M., Penning Rowsell, E., & Fieth, J. (2017). *Present and future flood vulnerability, risk and disadvantage: A UK scale assessment. A report for the Joseph Rowntree Foundation*. Sayers and Partners LLP.
- Scottish Forestry. (2023). *Felling Permissions and Licences*. Retrieved 2023, from https://open-data-scottishforestry.hub.arcgis.com/datasets/0691ae213af14c5f9fbf62b1a6909170_0/about
- Scottish Government. (2014a). *Data Zone Boundaries 2011*. Retrieved from <https://spatialdata.gov.scot/geonetwork/srv/api/records/7d3e8709-98fa-4d71-867c-d5c8293823f2>
- Scottish Government. (2020b). *Scottish Index of Multiple Deprivation 2020*. Retrieved 2023, from <https://www.gov.scot/collections/scottish-index-of-multiple-deprivation-2020/>
- Scottish Government. (2022). *Scottish Remote Sensing Portal*. Retrieved from <https://remotesensingdata.gov.scot/data#/list>
- Scottish Government. (2023b). *Ancient Woodland Inventory (Scotland)*. Retrieved 2023, from <https://www.data.gov.uk/dataset/c2f57ed9-5601-4864-af5f-a6e73e977f54/ancient-woodland-inventory-scotland>

100,000 hectares of UK wetlands – exploring the potential

- Scottish Government. (2023c). *Settlements - Scotland*. Retrieved 2023, from <https://www.data.gov.uk/dataset/de5ad374-53b7-474f-b1c0-725687af1ed4/settlements-scotland>
- Scottish Government. (2023d). *Local Nature Reserves (Scotland)*. Retrieved 2023, from <https://www.data.gov.uk/dataset/ff131012-8777-42c9-a263-97cead27ddee/local-nature-reserves-scotland>
- Scottish Government. (2024a, 02 15). *Site of Special Scientific Interest (Scotland)*. Retrieved 07 22, 2024, from <https://spatialdata.gov.scot/geonetwork/srv/api/records/ECA527A8-DC9A-49F3-8911-F4CF9C3019A5>
- Scottish Government. (2024b). *National Forest Estate Recreation Routes GB*. Retrieved 2022, from <https://www.data.gov.uk/dataset/190a3f73-8b2e-416d-9434-35e127ffbf8/national-forest-estate-recreation-routes-gb>
- Scottish Water. (2023). *Overflow Data*. Retrieved October 3, 2023, from <https://www.scottishwater.co.uk/Your-Home/Your-Waste-Water/Overflow-Event-Data>
- SEPA. (2023a). *Main river and coastal catchments + Water Framework Directive (WFD) River Basin Districts*. Retrieved 2023, from <https://www.sepa.org.uk/environment/environmental-data/>
- SEPA. (2023b). *Coastal Classifications*. Retrieved 2023, from SEPA Data publication: <https://www.sepa.org.uk/environment/environmental-data/>
- SEPA. (2023c). *Drinking Water Protected Areas*. SEPA.
- SEPA. (2023d). *River Classifications*. Retrieved from SEPA Data publication: <https://www.sepa.org.uk/environment/environmental-data/>
- SEPA. (2023e). *River Flood Maps*. Retrieved 2023, from <https://www.sepa.org.uk/environment/environmental-data/>
- SEPA. (2023f). *Surface Water Flood Maps*. Retrieved 2023, from <https://www.sepa.org.uk/environment/environmental-data/>
- SEPA. (2023g). *SEPA Coastal Flood Maps*. Retrieved 2023, from <https://www.sepa.org.uk/environment/environmental-data/>
- Soil Survey of Scotland Staff. (1981). Soil maps of Scotland at a scale of 1:250 000. *Macaulay Institute for Soil Research*. doi:10.5281/zenodo.4646891
- Strong, J. A., Mazik, K., Piechaud, N., Bryant, L., Wardell, C., Hull, S., . . . Clements, A. (2021). *Blue Carbon Restoration in Northern Ireland - Feasibility Study*. UK: DAERA, UWT. Retrieved from <https://www.ulsterwildlife.org/sites/default/files/2021-05/Blue%20Carbon%20Habitat%20Restoration%20in%20Northern%20Ireland%20-%20A%20Feasibility%20Study.pdf>
- Sustrans. (2020). *National Cycle Network (Public)*. Retrieved 2022, from <https://data-sustrans-uk.opendata.arcgis.com/datasets/Sustrans-UK::national-cycle-network-public-1/about>
- The Rivers Trust. (2021). *Event Duration Monitoring - Storm Overflows - 2021 (England and Wales)*. Retrieved 2023, from

100,000 hectares of UK wetlands – exploring the potential

<https://data.catchmentbasedapproach.org/datasets/therivertrust::event-duration-monitoring-storm-overflows-2021-england-and-wales/about>

Welsh Government. (2017). *Predictive Agricultural Land Classification (ALC) Map 2*. Retrieved 2023, from https://datamap.gov.wales/layers/inspire-wg:wg_predictive_alc2

Welsh Government. (2022). *Welsh Index of Multiple Deprivation*. Retrieved 2023, from <https://www.gov.wales/welsh-index-multiple-deprivation>