

Metadata Elements

Title *	GCN - Strategic Opportunity Areas (Kent)
Alternative Title	District Level Licensing Strategic Opportunity Areas for Great Crested Newts in Kent
Dataset Language *	eng
Abstract *	<p>This dataset identifies areas where the addition of new ponds would benefit Great Crested Newt populations.</p> <p>The core areas contain a pond density of 2+ ponds and are located within a 1km square where great crested newt presence has been predicted.</p> <p>Fringe areas contain a pond density of 1 and are located within a 1km square where great crested newt presence has been predicted or are within a 250m of a Core Area.</p> <p>Higher scores are associated with darker colouration and represent a greater presence of suitable habitat features:</p> <p style="text-align: center;">Distance from rivers (100-1000m; +1) Soil pH (6.5 - 7.5; +1) Soil phosphorus (<40 g kg-1; +1) Density of arable land (0-33.3%; +1) Density of grassland (20-66.6%; +1) Distance to trees (0-100m: +1) Soil Drainage (Free draining or Variable; -1) Density of urban areas (33.3-100%; -2)</p> <p>All scores are summed, Urban areas > 2ha (+400m buffer), roads (7.5m) and rivers (7.5m) have been excluded.</p>
Resource Locator	0
Data Format	shp, tab, file geodatabase
Resource Type *	dataset
Unique Resource Identifier	0

Classification of Spatial Data & Services

Topic Category *	biota
INSPIRE Themes	Habitat and biotopes
Spatial Data Service Type	00/01/1900
Coupled Resource	00/01/1900

Keyword

Keyword	Geographic Information
Originating Controlled Vocabulary	Natural England Corporate Vocabulary

Geographic Location

Extent *	Kent
West Bound Longitude *	0.02
East Bound Longitude *	1.5
North Bound Longitude *	51.5
South Bound Longitude *	50.9
Vertical Minimum Extent	0
Vertical Maximum Extent	0
Spatial Reference System *	British National Grid

Temporal Reference

Temporal Extent - Start Date of Data Capture *	0
Temporal Extent - End Date of Data Capture *	0
Date of Creation *	2023-06-28
Date of Last Revision *	2023-06-28
Dataset Reference Date *	2023-06-28
Dataset Reference Type *	publication

Quality & Validity

Lineage *	<p>Data used to generate this derived data set includes the 2019 CEH Land Cover map (woodland, grassland, urban and arable land classifications), OS MasterMap (pond locations that have been converted by NE into pond densities), Natural Capital Soil pH and Phosphorus, Cranfield University Soils Data (Drainage) Natural England GCN Class License Survey Returns England, Natural England GCN Pond Surveys DLL 17 18 19, Natural England Evidence Enhancement Project, Freshwater Habitats Trust PondNet GCN data, OS Open Rivers, OS Open Roads, OS Boundary Line District Boundaries and Allocations data from Ashford District Council, Canterbury City Council, Dartford Borough Council, Dover Borough Council, Folkstone & Hythe Council, Gravesham Borough Council, Kent County Council, Maidstone District Council, Medway Council, Sevenoaks District Council, Swale Borough Council, Thanet District Council, Tonbridge & Malling District Council and Tunbridge Wells District Council. European Union, Copernicus Land Monitoring Service 2018, European Environment Agency (EEA)</p> <p>Soil pH: Henrys, P.A.; Keith, A.M.; Robinson, D.A.; Emmett, B.A. (2012). Model estimates of topsoil pH and bulk density [Countryside Survey]. NERC Environmental Information Data Centre</p> <p>Soil Phosphorus: Henrys, P.A.; Keith, A.M.; Robinson, D.A.; Emmett, B.A. (2012). Model estimates of topsoil nutrients [Countryside Survey]. NERC Environmental Information Data Centre</p> <p>Morton, R.D.; Marston, C.G.; O'Neil, A.W.; Rowland, C.S. (2020). Land Cover Map 2019 (land parcels, GB). NERC Environmental Information Data Centre. https://doi.org/10.5285/44c23778-4a73-4a8f-875f-89b23b91ecf8 Raster</p> <p>Morton, R. D.; Marston, C. G.; O'Neil, A. W.; Rowland, C. S. (2020).</p>
Spatial Resolution	25x25
Additional Information Source	0
Frequency of Update *	unknown
Equivalent Scale	0

Conformity

Specification	0
Degree	0
Explanation	0

Constraints Related To Access & Use

Use Constraints *	No Conditions Apply
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Use Constraints	0
Limitations on Public Use *	Publically Accessible
Licence*	Other
Copyright*	<p>Non Commercial Government Licence (NCGL) © Natural England, 2023. Based upon LCM2019 © NERC (CEH) 2020. Soils Data © Cranfield University (NSRI) and for the Controller of HMSO 2019. Contains data supplied by Natural Environment Research Council © NERC (Centre for Ecology & Hydrology) and © Natural England. Soils Data © Cranfield University (NSRI) and for the Controller of HMSO 2019. Based upon LCM2007 © NERC (CEH) 2011. Contains Ordnance Survey data © Crown Copyright 2007. © third party licensors. Contains, or is derived from, information supplied by the Ordnance Survey and Rural Payments Agency. © Crown copyright and database rights 2019. © Freshwater Habitats Trust, PondNet monitoring scheme 2018. © Kent Reptile and Amphibian Group (KRAG) 2022. © European Union, Copernicus Land Monitoring Service 2018, European Environment Agency (EEA)</p> <p>Ashford District Council © Crown copyright and database rights 2023; Canterbury City Council © Crown copyright and database rights 2023 Ordnance Survey 100019614; Dartford Borough Council © Crown copyright and database rights 2023; Dover District Council © Crown copyright and database rights 2023; Folkstone & Hythe Council © Crown copyright and database rights 2023; Gravesham Borough Council © Crown copyright and database rights 2023; Kent County Council © Crown copyright and database rights 2023; Maidstone District Council © Crown copyright and database rights 2023; Medway Council © Crown copyright and database rights 2023 Ordnance Survey 100024225; Sevenoaks District Council © Crown copyright and database rights 2023; Swale Borough Council © Crown copyright and database rights 2023; Thanet District Council © Crown copyright and database rights 2023; Tonbridge & Malling District Council © Crown copyright and database rights 2023; Tunbridge Wells District Council © Crown copyright and database rights 2023</p>

Responsible Organisation

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Responsible Party Role *	pointOfContact

Metadata on Metadata

Metadata Point of Contact *	GCN District Licensing Team
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Metadata Date *	2023-06-28
Metadata Language *	eng

Data Management Information

NE Point of Contact	Chris Green
Data Manager	GCN District Licensing Team