

## Primary data sources for non-marine habitats

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<i>Dataset</i>	<i>Dates</i>	<i>Scope/purpose of dataset</i>
<b>NPWS</b>		
Coastal Monitoring Project	2004-2006	Comprehensive baseline monitoring survey of Irish sand dune sites (10 Annex I coastal habitats) – 181 sites
Lagoon Surveys and Database	1996-2006	Comprehensive national inventory and survey of 80 lagoon sites
Saltmarsh Monitoring Project	2006-2009	Baseline monitoring survey of a representative sample of Irish saltmarshes (5 Annex I habitats) – 131 sites
National Seacliff Inventory	2005	Desk study which identified ~140 'potential coastal heath and cliff sites'
National Seacliff Survey	2009-ongoing	Baseline monitoring survey of Irish seacliffs (1 Annex I habitat)
National Shingle Beach Survey	1999	Inventory survey of shingle beach sites and their conservation value
Survey of intertidal mudflats and sandflats	2006-2007	Detailed survey of sedimentary and biological facies in representative sites
National Survey of Native Woodlands	2003-2007	Extensive inventory and survey of 1320 woodland sites (1667 relevés) in Ireland (4 Annex I habitats). New woodland classification
National Fen Database – review of available data on springs, fens and flushes	Up to 2006	To consolidate information on the extent and conservation status of Irish springs, fens and flushes based on existing information held by NPWS and other interested parties
Petrifying springs	2010-2013	Survey and conservation assessment of petrifying springs (PhD)
Grassland Monitoring Project – sample of Annex I priority habitats	2006	Grassland monitoring of a representative sample of the Annex I priority habitats: 6230 (Species-rich <i>Nardus</i> grasslands) and 6210 (Semi-natural dry grasslands) in Natura 2000 sites
Irish Semi-natural Grassland Survey	2007-ongoing	Survey of semi-natural grasslands and marsh communities in Roscommon, Offaly (2007); Cork, Waterford (2008); Cavan, Monaghan, Leitrim, Longford (2009) [2143 relevés from 580 sites in 8 counties]; Donegal, Sligo, Dublin and Kildare (2010) (6 Annex I habitats). Scheduled to extend to additional counties
Metalliferous Mine Waste Survey	2008	Survey of metalliferous mine waste sites in Ireland which hold areas of the Annex I habitat 6130 (Calaminarian grassland)
National Limestone Pavement Survey	2008-ongoing	Survey and mapping of the range, extent and condition of limestone pavement in Ireland
Consolidated Turlough Dataset	Up to 2008	Documenting the distribution of the national turlough resource – consolidation of existing data
Integrated Turlough Study	2006-ongoing	Multidisciplinary project (TCD) integrating hydrological, biological and chemical nutrient data from 22 selected turloughs
Turf Cutting Assessment Projects (raised	1994-2006	Raised bog restoration/assessment of impacts of

bogs)		turf cutting on designated raised bog sites
Raised Bog Monitoring Project	2004-2005	Monitoring survey of 48 raised bog sites
National Survey of Upland Habitats (12-15 upland habitat complexes)	2008-ongoing	Baseline monitoring survey of Irish upland habitats (over 150m altitude and other continuous open land) (10 Annex I habitats; 12-15 upland complexes)
Commonage Datasets	Ongoing	Data on the condition of lands in commonages. Habitat mosaics are identified within condition assessment units
Conservation Planning Habitat Maps for Natura 2000 sites	1995-ongoing	Habitat data for conservation planning of SACs / SPAs
Conservation Assessments Data	2007	Datasets used for the 2007 Conservation Assessment under Article 17 of the Habitats Directive, with habitats mapped at 10km grid square level. Data derived from sources varying in quality and accuracy, and include best expert judgment where necessary. Full details are available in the backing documents which accompany the datasets
<b>Local Authorities / Heritage or Biodiversity Plans</b>		
Hedgerow surveys (sample surveys of 1km grid squares in the south-west corner of each 10km grid square)	Westmeath, Roscommon, Laois, Offaly, Longford, Kildare, Cavan, Leitrim, Galway, Kerry, Mayo, Donegal, Sligo, Dublin (Fingal, Dublin City) – for links to reports see <a href="http://www.hedgelaying.ie">www.hedgelaying.ie</a>	
Whole county surveys of selected habitats or features	Monaghan Fen/Wetland Survey; Sligo Wetlands; Waterford Wetlands (20 sites); Westmeath Fen Survey; Clare Wetlands (Phase 1); Meath Wetlands and Coastal Survey; Laois Eskers; Offaly Eskers ...	
Part county/city habitat mapping – baseline information, Development Plan and Local Area Plan areas	Carlow, Clare, Cork County, Dun-Laoghaire-Rathdown, Galway City, Fingal, Kerry, Laois, Sligo ...	
<b>Other sectors (sample)</b>		
EPA	Lakes/rivers datasets Pilot survey to establish suitability of a rules-based feature extraction and classification processing methods to provide a habitat mapping solution for a study area (Clare/Galway) in Ireland	
Bord na Móna	Habitat surveys of all Bord na Móna lands (ongoing); exploited bog areas	
Coillte	Biodiversity surveys of Coillte lands; conifer plantations, other woodlands and open lands	
Forest Service (DAFF)	FIPS (Forest Inventory Planning System) – all forested areas. Forest07	
<b>Environmental assessments</b>		
Environmental assessments (no central repository/database)	EISs and supporting reports (e.g. Constraints and Route Section Reports for major road schemes) Appropriate assessments Strategic Environmental Assessments	
<b>Other sources</b>		
CORINE landcover/biotopes	CORINE Land Cover (CLC) 1990; CLC2000; CLC2006 Based on satellite imagery and standardized nomenclature. Repeat surveys but minimum mapping unit of 25ha	
Teagasc	National Landcover Map National Habitat Indicator Map	
BOGLAND Research Programme – UCD under funding from EPA	Derived Irish Peatland Map (Version 2)	