



## 3180 *Turloughs*

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<b>Habitat code</b>	3180
<b>Priority</b>	Yes
<b>Habitat group</b>	Freshwater habitats
<b>Regions</b>	Alpine, Atlantic, Boreal, Continental

Turloughs are temporary lakes in karstic (limestone) regions, first described from Ireland which hosts the largest area of this habitat, they also occur in Slovenia and more locally in Estonia, Germany and Wales. When drained, the vegetation is varied but typically includes wetlands and grasslands which traditionally are grazed.

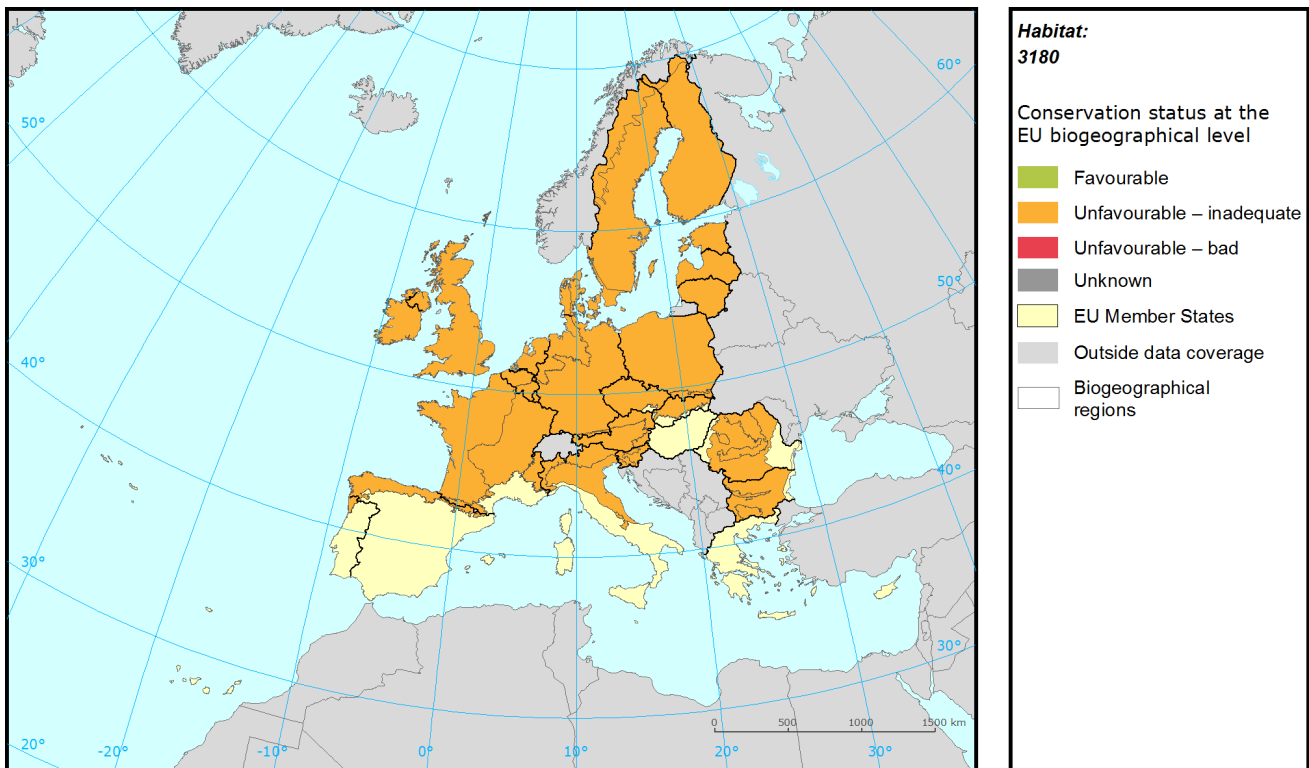
Assessed as Unfavourable inadequate in all regions, the Conservation Status is stable in all regions except the Boreal where the qualifier is unknown. Range and Area are Favourable in all regions. There have been no genuine changes in Conservation Status since 2001-06; the change reported in the Boreal region is due to better data.

A wide range of threats and pressures are reported, activities associated with agriculture, pollution and changes to hydrology are frequently noted as highly important.

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Report under the Article 17 of the Habitats Directive

## Assessment of conservation status at the European biogeographical level



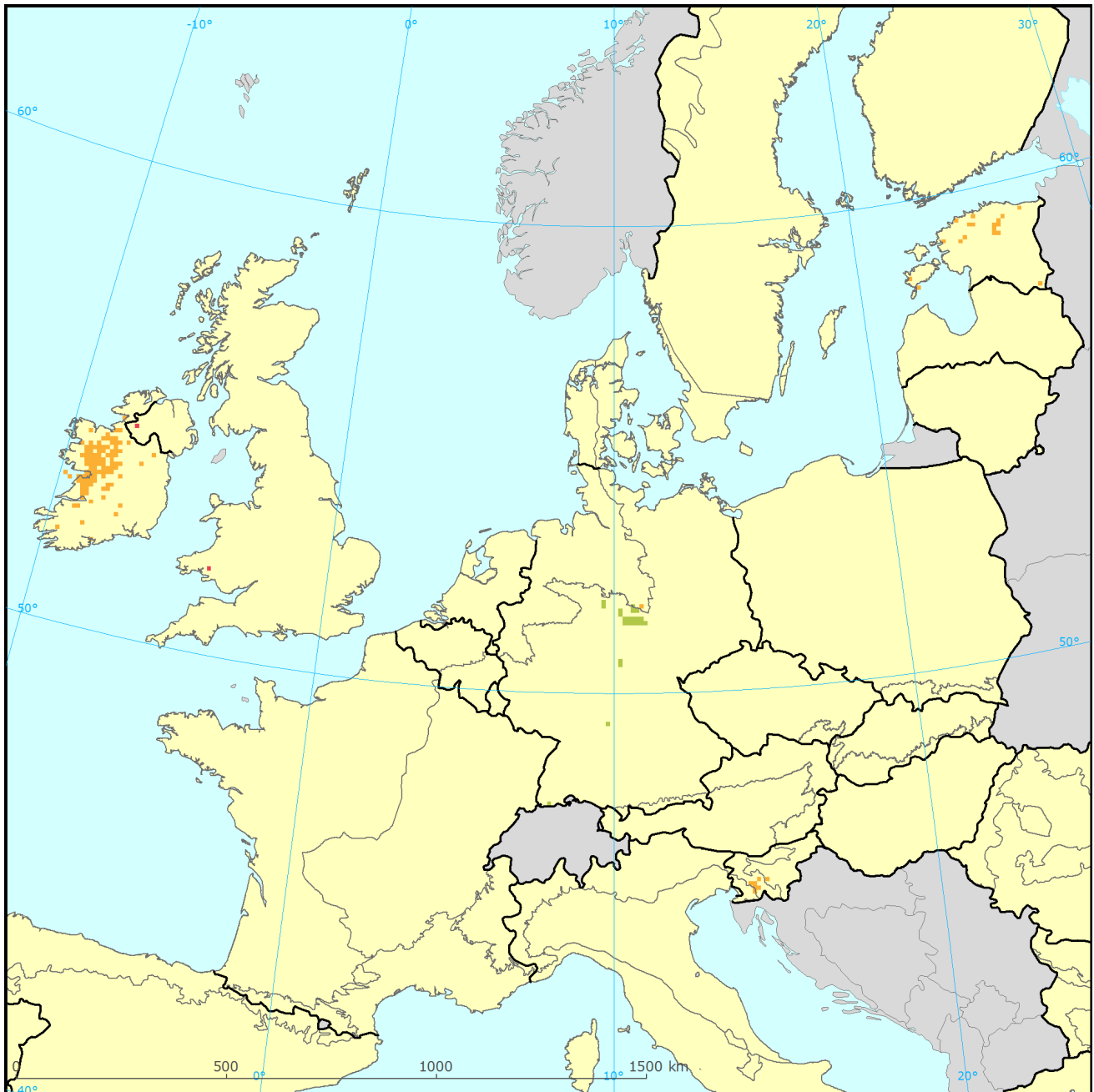
Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Area	Structure & Functions	Future prospects					
ALP	FV	FV	U1	U1	U1	=	3	U1	
ATL	FV	FV	U1	U1	U1	=	69	U1	
BOR	FV	FV	U1	U1	U1	x	12	U2	Not genuine
CON	FV	FV	U1	U1	U1	=	16	U1	

See the endnote for more information<sup>i</sup>

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



Report under the Article 17 of the Habitats Directive

## Assessment of conservation status at the Member State level



### **Habitat: 3180**

Distribution and conservation status at the Member State level

- |   |  |
|---|--|
|  Favourable                |  EU Member States       |
|  Unfavourable – inadequate |  Outside data coverage  |
|  Unfavourable – bad        |  Biogeographical region |
|  Unknown                   |  |

The map shows both Conservation Status and distribution using a 10 km x 10 km grid. Conservation status is assessed at biogeographical level. Therefore the representation in each grid cell is only illustrative.

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MS	Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
		Range	Area	Structure & functions	Future prospects					
SI	ALP	FV	FV	U1	U1	U1	=	100.0	U1	
DE	ATL	FV	FV	FV	U1	U1	-	1.0	FV	Better data
IE	ATL	FV	FV	U1	U1	U1	=	97.1	U1	
UK	ATL	FV	FV	U2	U2	U2	=	1.9	U2-	Genuine
EE	BOR	FV	FV	U1	U1	U1	x	100.0	U2	Better data
DE	CON	FV	FV	FV	FV	FV		91.7	FV	
SI	CON	FV	FV	U1	U1	U1	=	8.3	U1	

Knowing that not all changes in conservation status between the reporting periods were genuine, Member States were asked to give the reasons for changes in conservation status. Bulgaria and Romania only joined the EU in 2007 and Greece did not report for 2007-12 so no reason is given for change for these countries. Greek data shown above is from 2001-06.

## Main pressures and threats reported by Member States

Member States were asked to report the 20 most important threats and pressures using an agreed hierarchical list which can be found on the [Article 17 Reference Portal](#). Pressures are activities which are currently having an impact on the habitats and threats are activities expected to have an impact in the near future. Pressures and threats were ranked in three classes 'high, medium and low importance'; the tables below only show threats and pressures classed as 'high', for some habitats there were less than ten threats or pressures reported as highly important.

### Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
J02	Changes in water bodies conditions	33
A02	Modification of cultivation practices	17
A04	Grazing by livestock	17
H01	Pollution to surface waters	17
H02	Pollution to groundwater	17

### Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
C01	Mining and quarrying	67
H02	Pollution to groundwater	33

## Proportion of population covered by the Natura 2000 network

Member States were asked to report the area of the habitat which is covered by the Natura 2000 network. The percentage of the habitat area covered by the network was estimated by comparing the area within the network and the total area in the biogeographical/marine region.

### Percentage of coverage by Natura 2000 sites in biogeographical/marine region

	ALP	ATL	BOR	CON
DE		x		98
EE			55	
IE		56		
SI	100			100
UK		100		

See the endnotes for more information<sup>ii</sup>

## Most frequently reported conservation measures

Member States were asked to report up to 20 conservation measures being implemented for this habitat using an agreed list which can be found on the Article 17 Reference Portal. Member States were further requested to highlight up to five most important ('highly important') measures; the table below only shows measures classed as 'high', for many habitats there were less than ten measures reported as highly important.

### Ten most frequently reported 'highly important' conservation measures

Code	Measure	Frequency
6.1	Establish protected areas/sites	27
2.1	Maintaining grasslands and other open habitats	18
6.0	Other spatial measures	18
4.1	Restoring/improving water quality	9
4.2	Restoring/improving the hydrological regime	9
6.3	Legal protection of habitats and species	9
8.1	Urban and industrial waste management	9

This information is derived from the Member State national reports submitted to the European Commission under Article 17 of the Habitats Directive in 2013 and covering the period 2007-2012. More detailed information, including the MS reports, is available at:

<http://bd.eionet.europa.eu/article17/reports2012/habitat/summary/?group=Freshwater+habitats&period=3&subject=3180>

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**i Assessment of conservation status at the European biogeographical level:** Current Conservation Status (Current CS) shows the status for the reporting period 2007-2012, Previous Conservation Status (Previous CS) for the reporting period 2000-2006. Reason for change in conservation status between the reporting periods indicates whether the changes in the status were genuine or not genuine. Previous Conservation Status was not assessed for Steppic, Black Sea and Marine Black Sea regions. For these regions the Previous status is therefore considered as 'unknown'. The percentage of the habitat area occurring within the biogeographical/marine region (% in region) is calculated based on the area of GIS distribution.

**ii Percentage of coverage by Natura 2000 sites in biogeographical/marine region:** In some cases the population size within the Natura 2000 network has been estimated using a different methodology to the estimate of overall population size and this can lead to percentage covers greater than 100%. In such case the value has been given as 100% and highlighted with an asterisk (\*). The value 'x' indicates that the Member State has not reported the habitat area and/or the coverage by Natura 2000. No information is available for Greece. The values are only provided for regions, in which the occurrence of the habitat has been reported by the Member States.