

## Potential quiet areas in Europe, based upon Quietness Suitability Index (QSI) and Natura 2000 protected areas, Jul. 2016

Within the European Union, the Environmental Noise Directive (END; 2002/49/EC) defines quiet areas outside cities as those areas delimited by national authorities that are undisturbed by noise from traffic, industry or recreational activities. In this dataset, two datasets has been brought together to visualize how human made noise have an impact on nature protected areas: the Natura2000 dataset and the quietness suitable index dataset.

The data set is provided by countries both in Geodatabase and Geopackage formats.

### Simple

<b>Date (Creation)</b>	2016-07-11														
<b>Date (Publication)</b>	2016-07-11														
<b>Edition</b>	01.00														
<b>Citation identifier</b>	eea_r_3035_100_m_quietareas-qi-n2k_p_2016_v01_r00														
<b>Citation identifier</b>	DAT-210-en														
<b>Point of contact</b>	<table border="1"> <thead> <tr> <th>Organisation name</th> <th>Individual name</th> <th>Electronic mail address</th> <th>Role</th> </tr> </thead> <tbody> <tr> <td>European Environment Agency</td> <td></td> <td>info@eea.eur info@eea.europa.eu</td> <td>Point of contact</td> </tr> <tr> <td>European Environment Agency</td> <td></td> <td>info@eea.eur info@eea.europa.eu</td> <td>Custodian</td> </tr> </tbody> </table>	Organisation name	Individual name	Electronic mail address	Role	European Environment Agency		info@eea.eur info@eea.europa.eu	Point of contact	European Environment Agency		info@eea.eur info@eea.europa.eu	Custodian		
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<b>Maintenance and update frequency</b>	Not planned														
<a href="#">GEMET - INSPIRE themes, version 1.0</a>	<ul style="list-style-type: none"> <li><a href="#">Area management/restriction/regulation zones and reporting units</a></li> </ul>														
<b>Keywords</b>															
<b>Keywords</b>															
<b>GEMET</b>	<ul style="list-style-type: none"> <li>noise</li> <li>protected area</li> </ul>														
<b>Continents, countries, sea regions of the world.</b>	<ul style="list-style-type: none"> <li>EEA33 (2013-2020)</li> </ul>														
<a href="#">Spatial scope</a>	<ul style="list-style-type: none"> <li>European</li> </ul>														
<b>EEA Management Plan</b>	<ul style="list-style-type: none"> <li>2016 1.1.1</li> </ul>														
	<ul style="list-style-type: none"> <li>Environmental health impacts</li> </ul>														

<b>EEA topics</b>	<ul style="list-style-type: none"> <li>• Nature protection and restoration</li> <li>• Pollution</li> <li>• Biodiversity</li> </ul>
<b>Use limitation</b>	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged ( <a href="http://www.eea.europa.eu/legal/copyright">http://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA).
<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">no limitations to public access</a>
<b>Spatial representation type</b>	Grid
<b>Distance</b>	100 m
<b>Language of dataset</b>	English
<b>Topic category</b>	<ul style="list-style-type: none"> <li>• Environment</li> </ul>

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<b>Begin date</b>	2016-01-01
<b>End date</b>	2016-12-31
<b>CRS identifier</b>	<a href="#">EPSG:3035</a>
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• GDB ( 1.0 )</li> <li>• Geopackage ( )</li> </ul>

### OnLine resource

No information provided.

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No information provided.

<b>Hierarchy level</b>	Dataset
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### Conformance result

<b>Date (Publication)</b>	2010-12-08
<b>Explanation</b>	See the referenced specification

<b>Statement</b>	<p>Calculation and intersections of layers:</p> <ol style="list-style-type: none"> <li>1. Calculation of QSI for european countries.</li> <li>2. Intersection with Natura 2000 protected areas.</li> </ol> <p>Data sources:</p> <ul style="list-style-type: none"> <li>- END: major roads, major railways and major airports noise contour maps (2012)</li> <li>- END: location of major roads and major railways and major airports</li> <li>- Urban morphological zones (UMZ) from CLC 2006</li> <li>- E-PRTR register: industries' location and attributes: Europe-wide register that provides easily accessible key environmental data from industrial facilities in European Union Member States and in Iceland, Liechtenstein, Norway, Serbia and Switzerland. It replaced and improved upon the previous European Pollutant Emission Register (EPER). Access 2014.</li> <li>- Corine Land Cover and Land Use data 2006 (CLC) (100 × 100 m grid)</li> <li>- Corine Land Cover 2000 for Greece</li> </ul>
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- EuroRegionalMap v. 6.0: roads, railways and airports infrastructure. (Version 6.0, 18.12.2012)

- Natura 2000

- The population of each UMZ in 2000 (year of reference) was added by using the last version (v. 5) of the population density grid constructed by the European Commission research centre (Gallego, 2010). Raster data on population density using Corine Land Cover 2000 inventory.

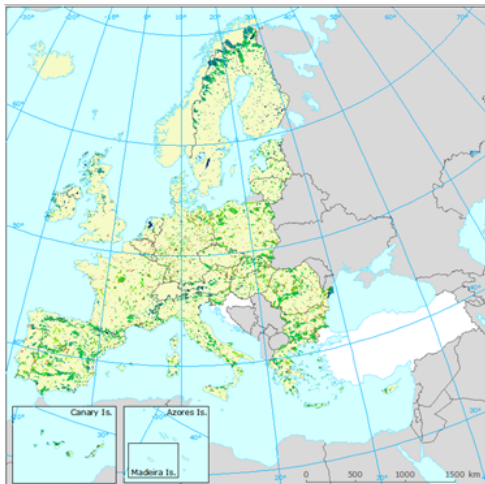
#### Source

- [Urban Morphological Zones 2006 \(vector\) - series](#)
- [Corine Land Cover 2006 \(raster 100m\) - series](#)
- [Corine Land Cover 2000 \(raster 100m\) - version 16, Apr. 2012](#)
- [Natura 2000 100 m \(raster\) - end 2011](#)

## Metadata

File identifier	5f48b250-1c1d-4f0c-a2cd-a8c44e42b1dc <a href="#">XML</a>		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2023-08-04T08:03:59.817Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	<b>Organisation name</b>	<b>Individual name</b>	<b>Electronic mail address</b> <b>Role</b>
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## Overviews



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