



## 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 have 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

Date (Creation)	2016-07-11		
Date (Publication)	2016-07-11		
Edition	01.00		
Citation identifier	eea_r_3035_100_m_quietareas-qsi-n2k_p_2016_v01_r00		
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Point of contact	Organisation name  European Environment Agency  European Environment Agency	Individual name	Electronic mail      Website      Role address  sdi@eea.europa.eu <a href="http://www.eea.europa.eu">http://www.eea.europa.eu</a> Point of contact  sdi@eea.europa.eu      Custodian
Maintenance and update frequency	Not planned		
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"><li><a href="#">Area management/restriction/regulation zones and reporting units</a></li></ul>		
Keywords			
Keywords			
GEMET	<ul style="list-style-type: none"><li>noise</li><li>protected area</li></ul>		
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"><li>EEA33 (2013-2020)</li></ul>		
Spatial scope	<ul style="list-style-type: none"><li><a href="#">European</a></li></ul>		
EEA Management Plan	<ul style="list-style-type: none"><li>2016 1.1.1</li></ul>		
EEA topics	<ul style="list-style-type: none"><li>Environmental health impacts</li><li>Nature protection and restoration</li><li>Pollution</li><li>Biodiversity</li></ul>		
Use limitation	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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Begin date	2016-01-01		
End date	2016-12-31		
Coordinate reference system identifier	<a href="#">EPSG:3035</a>		
Distribution format	<ul style="list-style-type: none"> <li>• GDB ( 1.0 )</li> <li>• Geopackage ( )</li> </ul>		
OnLine resource	Protocol EEA:FILEPATH	Linkage <a href="https://sdieea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_quietareas-ksi-n2k_p_2016_v01_r00/QAResults_GDB/QA_Results_Europe.gdb">https://sdieea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_quietareas-ksi-n2k_p_2016_v01_r00/QAResults_GDB/QA_Results_Europe.gdb</a>	Name QAResults_GDB
	EEA:FILEPATH	<a href="https://sdieea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_quietareas-ksi-n2k_p_2016_v01_r00/QAResults_GPKG/QA_results_europe.gpkg">https://sdieea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_quietareas-ksi-n2k_p_2016_v01_r00/QAResults_GPKG/QA_results_europe.gpkg</a>	QAResults_GPKG
	WWW:URL	<a href="https://sdieea.europa.eu/data/5f48b250-1c1d-4f0c-a2cd-a8c44e42b1dc">https://sdieea.europa.eu/data/5f48b250-1c1d-4f0c-a2cd-a8c44e42b1dc</a>	Direct download
Hierarchy level	Dataset		

## Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	<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> </ul>
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	<ul style="list-style-type: none"> <li>- Corine Land Cover and Land Use data 2006 (CLC) (100 x 100 m grid)</li> <li>- Corine Land Cover 2000 for Greece</li> <li>- EuroRegionalMap v. 6.0: roads, railways and airports infrastructure. (Version 6.0, 18.12.2012)</li> <li>- Natura 2000</li> <li>- 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.</li> </ul>
<b>Source</b>	<ul style="list-style-type: none"> <li>• <a href="#">Corine Land Cover 2006 (raster 100m) - series</a></li> <li>• <a href="#">Corine Land Cover 2000 (raster 100m) - version 16, Apr. 2012</a></li> <li>• <a href="#">Natura 2000 100 m (raster) - end 2011</a></li> </ul>

## Metadata

<b>File identifier</b>	<a href="#">5f48b250-1c1d-4f0c-a2cd-a8c44e42b1dc XML</a>		
<b>Metadata language</b>	English		
<b>Character set</b>	UTF8		
<b>Hierarchy level</b>	Dataset		
<b>Date stamp</b>	2023-08-04T08:03:59.817Z		
<b>Metadata standard name</b>	ISO 19115/19139		
<b>Metadata standard version</b>	1.0		
<b>Metadata author</b>	<b>Organisation name</b> European Environment Agency	<b>Individual name</b> sdi@eea.europa.eu	<b>Electronic mail address</b> <b>Website Role</b> Point of contact

## Overviews



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