

Environmental Noise Maps 2007

Noise maps as reported in 2007 in accordance to the Environmental Noise Directive (2002/49/EC).

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1. Feature Attribute Description

EuMeluselvitykset2007

LentoLden and common fields to all feature classes

Feature Attribute	Description
MeluselvTunnus	Code of the noise assessment as in the environmental information system Meluntorjunta (Noise mitigation Database)
MuutosPvm	Date when the data has been modified
URL_meluselvitys	Hyperlink to the noise mitigation information system (Meluntorjunnan tietojärjestelmä) and to the specific noise assessment
Melu_db	Noise values for the noise zone Noise values in db-field: 50-55 db 55-60 db 60-65 db 65-70 db 70-75 db yli 75 db

LentoLyo,RautatieLyo	Noise values in db-field: 45-50 db 50-55 db 55-60db 60-65 db 65-70 db yli 70 db
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MaantieLaeq, MaantieLden	Noise values in db-field: alle 55 db = < 55 db 55-60db 60-65 db
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65-70 db
70-75 db
yli 75 db

MaantieLyo

Noise values in db-field:
alle 45 db = < 45 db
45-50 db
50-55 db
55-60db
60-65 db
65-70 db
yli 70 db

RaideHkiLyo

Noise values in db-field:
<50 db
50-55 db
55-60db
60-65 db
65-70 db
yli 70 db

RautatieLden

Rataosa

The rail division code
Noise values in db-field:
50-55 db
55-60db
60-65 db
65-70 db
70-75 db
yli 75 db

TieHkiLden, RaideHKILden

Noise values in db-field:
50-55 db
55-60db
60-65 db
65-70 db
70-75 db

TieHkiLyo

Noise values in db-field:
<45 db
45-50 db
50-55 db
55-60db
60-65 db
65-70 db

2. Additional Information

LentoLden, LentoLyo: The dataset is based on the shape file describing the noise zones outlined in the noise assessment produced by Finavia. The dataset includes the noise zones related to the Helsinki-Vantaa Airport.

MaantieLaeq, MaantieLden, MaantieLyo: The dataset is based on shape files describing the noise zones. The spatial dataset describing the noise zones is part of the noise assessment ordered by the Finnish Transport Agency and performed by Ramboll Finland OY, covering 647 km of highways (with more than 6 million vehicles per year) around Finland.

TieHkiLden, RaideHKILden, TieHkiLyo: The data is based on the noise assessment performed by the Akukon engineering office for the City of Helsinki. The dataset covers Helsinki area.

RautatieLden, RautatieLyo: The information is based on the shape files included in the noise assessment ordered by former Finnish Rail Administration (Ratahallintokeskus) and performed by Ramboll Oy. The dataset covers the railroads in the capital area and the main railroad from Helsinki to city of Riihimäki.

3. UML-model

«CodedValueDomain»MeluVoimakkuusLyo5070
+FieldType : esriFieldType = esriFieldTypeString
+MergePolicy : esriMergePolicyType = esriMPTDefaultValue
+SplitPolicy : esriSplitPolicyType = esriSPTDefaultValue
+< 50 db : esriFieldTypeString = <50
+50-55 db : esriFieldTypeString = 50-55
+55-60 db : esriFieldTypeString = 55-60
+60-65 db : esriFieldTypeString = 60-65
+65-70 db : esriFieldTypeString = 65-70
+> 70 db : esriFieldTypeString = >70

«CodedValueDomain»MeluVoimakkuusLdenLaeq5075
+FieldType : esriFieldType = esriFieldTypeString
+MergePolicy : esriMergePolicyType = esriMPTDefaultValue
+SplitPolicy : esriSplitPolicyType = esriSPTDefaultValue
+< 50 db : esriFieldTypeString = <50
+50-55 db : esriFieldTypeString = 50-55
+55-60 db : esriFieldTypeString = 55-60
+60-65 db : esriFieldTypeString = 60-65
+65-70 db : esriFieldTypeString = 65-70
+70-75 db : esriFieldTypeString = 70-75
+> 75 db : esriFieldTypeString = >75

«CodedValueDomain»MeluVoimakkuusYleinen
+FieldType : esriFieldType = esriFieldTypeString
+MergePolicy : esriMergePolicyType = esriMPTDefaultValue
+SplitPolicy : esriSplitPolicyType = esriSPTDefaultValue
+< alin : esriFieldTypeString = <alin
+30-35 db : esriFieldTypeString = 30-35
+35-40 db : esriFieldTypeString = 35-40
+40-45 db : esriFieldTypeString = 40-45
+45-50 db : esriFieldTypeString = 45-50
+50-55 db : esriFieldTypeString = 50-55
+55-60 db : esriFieldTypeString = 55-60
+60-65 db : esriFieldTypeString = 60-65
+65-70 db : esriFieldTypeString = 65-70
+70-75 db : esriFieldTypeString = 70-75
+75-80 db : esriFieldTypeString = 75-80
+80-85 db : esriFieldTypeString = 80-85
+>85 db : esriFieldTypeString = >85

«CodedValueDomain»MeluVoimakkuusLyo4570
+FieldType : esriFieldType = esriFieldTypeString
+MergePolicy : esriMergePolicyType = esriMPTDefaultValue
+SplitPolicy : esriSplitPolicyType = esriSPTDefaultValue
+< 45 db : esriFieldTypeString = <45
+45-50 db : esriFieldTypeString = 45-50
+50-55 db : esriFieldTypeString = 50-55
+55-60 db : esriFieldTypeString = 55-60
+60-65 db : esriFieldTypeString = 60-65
+65-70 db : esriFieldTypeString = 65-70
+> 70 db : esriFieldTypeString = >70

«CodedValueDomain»MeluVoimakkuusLdenLaeq5575
+FieldType : esriFieldType = esriFieldTypeString
+MergePolicy : esriMergePolicyType = esriMPTDefaultValue
+SplitPolicy : esriSplitPolicyType = esriSPTDefaultValue
+< 55 db : esriFieldTypeString = <55
+55-60 db : esriFieldTypeString = 55-60
+60-65 db : esriFieldTypeString = 60-65
+65-70 db : esriFieldTypeString = 65-70
+70-75 db : esriFieldTypeString = 70-75
+> 75 db : esriFieldTypeString = >75

«CodedValueDomain»MeluVoimakkuusLAlmax6095
+FieldType : esriFieldType = esriFieldTypeString
+MergePolicy : esriMergePolicyType = esriMPTDefaultValue
+SplitPolicy : esriSplitPolicyType = esriSPTDefaultValue
+<60 db : esriFieldTypeString = <60
+60-65 db : esriFieldTypeString = 60-65
+65-70 db : esriFieldTypeString = 65-70
+70-75 db : esriFieldTypeString = 70-75
+75-80 db : esriFieldTypeString = 75-80
+80-85 db : esriFieldTypeString = 80-85
+85-90 db : esriFieldTypeString = 85-90
+90-95 db : esriFieldTypeString = 90-95
+>95 db : esriFieldTypeString = >95

