

## JHS 193 Unique identifiers of geographic data

### Annex 5. Unique identifiers in INSPIRE data products

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## 1 Introduction

This annex lists the INSPIRE geographic feature types for which a mandatory or optional unique identifier has been defined in INSPIRE data product specifications.

The lists are based on Commission Regulation (EU) No. 1089/2010 and its amending Regulation (EU) No. 1253/2013. The lists were prepared in October 2014. Authorities responsible for INSPIRE datasets must verify up-to-date data product specifications before the adoption of unique identifiers.

## 2 Unique identifiers in INSPIRE data products

The following chapters list the INSPIRE geographic feature types for which a mandatory or optional unique identifier (inspireId) has been defined in INSPIRE data product specifications.

### 2.1 Common types

Data model	Feature type (fi)	Feature type (en)	Mandatory/optional
GENERIC NETWORK MODEL	Verkkoelementti	NetworkElement	mandatory
GENERIC NETWORK MODEL	Verkon ominaisuus	NetworkProperty	mandatory
OBSERVATION MODEL	Havaintojoukko	ObservationSet	mandatory
OBSERVATION MODEL	Prosessi	Process	optional
ACTIVITY COMPLEX MODEL	Toimipaikka	ActivityComplex	mandatory

### 2.2 Annex I geographic feature types

Geographic feature group	Feature type (fi)	Feature type (en)	Mandatory/optional
PLACE NAMES	Nimetty paikka	NamedPlace	mandatory
ADMINISTRATIVE UNITS	Hallinnollinen raja	AdministrativeBoundary	mandatory
ADMINISTRATIVE UNITS	Hallintoyksikkö	AdministrativeUnit	mandatory
ADMINISTRATIVE UNITS	Yhteishallintoalue	Condominium	mandatory

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ADMINISTRATIVE UNITS	Perusviiva	Baseline	mandatory
ADMINISTRATIVE UNITS	Meriraja	MaritimeBoundary	mandatory
ADMINISTRATIVE UNITS	Merivyöhyke	MaritimeZone	mandatory
ADDRESSES	Osoite	Address	mandatory
ADDRESSES	Osoitekomponentti	AddressComponent	mandatory
PROPERTIES	Kiinteistörekisteriyksikkö	BasicPropertyUnit	mandatory
PROPERTIES	Kiinteistöraja	CadastralBoundary	mandatory
PROPERTIES	Palsta	CadastralParcel	mandatory
PROPERTIES	Palstojen ryhmittelyalue	CadastralZoning	mandatory
TRANSPORT NETWORKS	Liikenneverkko	TransportNetwork	mandatory
HYDROGRAPHY	Valuma-alue	DrainageBasin	mandatory
HYDROGRAPHY	Vesistön erityiskohde	HydroPointOfInterest	mandatory
HYDROGRAPHY	Rantaviiva	LandWaterBoundary	mandatory
HYDROGRAPHY	Vesirakenne	ManMadeObject	mandatory
HYDROGRAPHY	Ranta	Shore	mandatory
HYDROGRAPHY	Pintavesi	SurfaceWater	mandatory
HYDROGRAPHY	Kosteikko	Wetland	mandatory
PROTECTED AREAS	Suojelukohde	ProtectedSite	mandatory

### 2.3 Annex II geographic feature types

Geographic feature group	Feature type (fi)	Feature type (en)	Mandatory/optional
ELEVATION	Korkeussijaintihila	ElevationGridCoverage	mandatory
ELEVATION	Korkeussijainti-TIN	ElevationTIN	mandatory
LAND COVER	Maanpeiteluokitus	LandCoverNomenclature	mandatory
LAND COVER	Maanpeitetietoaineisto	LandCoverDataset	mandatory
LAND COVER	Maanpeiteyksikkö	LandCoverUnit	mandatory
LAND COVER	Maanpeitehilajatkumo	LandCoverGridCoverage	mandatory
ORTHOIMAGES	Ortokuvajatkumo	OrthoimageCoverage	mandatory
ORTHOIMAGES	Mosaiikkielementti	MosaicElement	mandatory
GEOLOGY	Kairanreikä	Borehole	mandatory
GEOLOGY	Geologinen kokoelma	GeologicCollection	mandatory
GEOLOGY	Geologinen piirre	GeologicFeature	mandatory
GEOLOGY	Geofysikaalinen kohde	GeophObject	mandatory
GEOLOGY	Geofysikaalinen kohdejoukko	GeophObjectSet	mandatory
GEOLOGY	Pohjavesimuodostuma	GroundWaterBody	mandatory
GEOLOGY	Hydrogeologinen kohde	HydrogeologicalObject	mandatory

### 2.4 Annex III geographic feature types

Geographic feature group	Feature type (fi)	Feature type (en)	Mandatory/optional
STATISTICAL UNITS	Tilastointiyksikkö vektorina	VectorStatisticalUnit	mandatory
STATISTICAL UNITS	Tilastotessellaatio	StatisticalTessellation	mandatory
STATISTICAL UNITS	Tilastoruudusto	StatisticalGrid	mandatory
BUILDINGS	Abstrakti rakennelma	AbstractConstruction	mandatory

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SOIL	Profiilielementti	ProfileElement	mandatory
SOIL	Maannoskokonaisuus	SoilBody	mandatory
SOIL	Maannoksen johdettu [laskennallinen] objekti	SoilDerivedObject	mandatory
SOIL	Maannoskartoituspiste	SoilPlot	mandatory
SOIL	Maannosprofiili	SoilProfile	mandatory
SOIL	Maannostutkimuskohde	SoilSite	mandatory
LAND USE	Vektorimuotoisen toteutuneen maankäytön tietoaineisto	ExistingLandUseDataSet	mandatory
LAND USE	Vektorimuotoisen toteutuneen maankäytön kohde	ExistingLandUseObject	mandatory
LAND USE	Toteutuneen maankäytön hila	ExistingLandUseGrid	mandatory
LAND USE	Toteutuneen maankäytön otospiste	ExistingLandUseSample	mandatory
LAND USE	Toteutuneen maankäytön otosaineisto	SampledExistingLandUseDataSet	mandatory
LAND USE	Kaava-asiakirja	OfficialDocumentation	mandatory
LAND USE	Kaava-aineisto	SpatialPlan	mandatory
LAND USE	Täydentävä kaavamerkintä	SupplementaryRegulation	mandatory
LAND USE	Kaavakohde	ZoningElement	mandatory
GENERAL INTEREST AND OTHER PUBLIC SERVICES	Verkon solmukohtien kokooja	UtilityNodeContainer	mandatory
GENERAL INTEREST AND OTHER PUBLIC SERVICES	Julkisen tahon palvelu	GovernmentalService	mandatory
ENVIRONMENTAL STATE MONITORING EQUIPMENT/SITES	Abstrakti seurantaan liittyvä objekti	AbstractMonitoringObject	mandatory
ENVIRONMENTAL STATE MONITORING EQUIPMENT/SITES	Ympäristön tilan seurantatoiminto	EnvironmentalMonitoringActivity	mandatory
PRODUCTION AND INDUSTRIAL PLANTS	Tuotantolaitteisto	ProductionInstallation	mandatory
PRODUCTION AND INDUSTRIAL PLANTS	Tuotantolaitteiston osa	ProductionInstallationPart	mandatory
PRODUCTION AND INDUSTRIAL PLANTS	Tuotantopaikka	ProductionSite	mandatory
PRODUCTION AND INDUSTRIAL PLANTS	Tuotantoalue	ProductionPlot	mandatory
DEMOGRAPHIC PYRAMID – DEMOGRAPHY	Tilastojakauma	StatisticalDistribution	mandatory
AREAS AND REPORTING UNITS WITHIN SCOPE OF REGIONAL ADMINISTRATION, RESTRICTIONS AND REGULATIONS	Aluehallinnan, rajoitusten tai sääntelyn piiriin kuuluva alue	ManagementRestrictionOrRegulationZone	mandatory
AREAS AND REPORTING UNITS WITHIN SCOPE OF REGIONAL ADMINISTRATION, RESTRICTIONS AND REGULATIONS	VPD Vesimuodostuma	WFDWaterBody	mandatory
NATURAL HAZARD AREAS	Abstrakti altistuva kohde	AbstractExposedElement	mandatory
NATURAL HAZARD AREAS	Abstrakti vaara-alue	AbstractHazardArea	mandatory

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NATURAL HAZARD AREAS	Abstrakti havaittu luonnonilmiö	AbstractObservedEvent	mandatory
NATURAL HAZARD AREAS	Abstrakti riskivyöhyke	AbstractRiskZone	mandatory
SEA AREAS	Merialue	SeaArea	mandatory
BIO-GEOGRAPHICAL REGIONS	Eliömaantieteellinen alue	Bio-geographicalRegion	mandatory
BIO-GEOGRAPHICAL REGIONS	Elinympäristö	Habitat	mandatory
SPECIES DISTRIBUTION	Levinneisyystietoaineisto	SpeciesDistributionDataSet	mandatory
SPECIES DISTRIBUTION	Levinneisyyden tarkasteluyksikkö	SpeciesDistributionUnit	mandatory
ENERGY RESOURCES	Energiaresurssi-vektoriesitys	VectorEnergyResource	mandatory
ENERGY RESOURCES	Uusiutuvan energian ja jätteen potentiaalinen jatkumo	RenewableAndWaste-PotentialCoverage	mandatory
MINERAL RESOURCES	Kaivoskohde	MiningFeature	mandatory