

PROPOSAL OF FEATURE TYPE CLASSIFICATION FOR EGN PROJECT

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- Feature classifications used by National Mapping and Cadastral Agencies of Finland, Canada and Spain
- Appendix B: Proposal for an EGN feature classification

Code		Group	Short Definition
1		ADMINISTRATIVE DIVISION AND OTHERS	Divisions of a nation and other divisions
2		POPULATED PLACES	Buildings for housing of any category, such as cities, towns, villages, etc.
3		STRUCTURES AND BUILDINGS	Manmade structures and buildings in general related to economic activities and social use, except populated places and transport, telecommunication and hydrographic features
4		TRANSPORT AND TELECOMMUNICATIONS	Structures related to transports and telecommunications
5		TERRAIN FEATURES	Land features of natural environment including vegetation. In general they are natural elements but can be modified by man
6		HYDROGRAPHY	Natural or manmade features related to water
7		CONSERVATION AREAS	Terrain or hydrographic conservation areas of natural environment and World Heritage Sites
8		MISCELLANEOUS	Other kind of features not included in types 1 to 7

Code	Feature Type	Short Definition	Feature Type Examples
1	ADMINISTRATIVE DIVISION AND OTHERS: Divisions of a nation and other divisions		
1.1	Administrative division	Administrative division of every country	
	1st order division		autonomous region (in Spain)
	2nd order division		province, municipality
	Other administrative divisions		
1.2	Other divisions	Other kind of divisions: economic, cultural, linguistic, tourist areas	

2	POPULATED PLACES: Buildings for housing of any category, such as cities, towns, villages, etc.		
2.1	Administrative capital	Populated places that are capitals	
	Administrative capital of 1st order		capital of country capital of autonomous region (in Spain)
	Administrative capital of 2nd order		capital of province or municipality
	Other administrative capitals		
2.2	Other populated places	Populated places, not capitals	
	Village or hamlet		village, hamlet
	Neighborhood, district and others		neighborhood, district
2.3	House	Buildings for housing	house, country house

3	STRUCTURES AND BUILDINGS: Any kind of manmade structures and buildings except populated places and hydrographic features		
	3.1	Economic activity	Structures and buildings related to economic activity
		Agricultural and cattle raising structures	poultry farm
		Industrial and mining structures	industrial estate, mine
		Power generation and distribution sites	hydroelectric plant, wind turbine
		Comercial sites	shopping centre, business park
		Other economic sites	

3	STRUCTURES AND BUILDINGS (cont.)			
	3.2	Facilities, institutional buildings and monuments	Structures for social use, institutional buildings and monuments	
		Social facilities (medical, educational, recreational, cultural...) and governmental buildings		hospital, school, sporting location, garden, theatre, town hall
		Monuments and historical sites		cathedral, castle historic walls
		Other facilities		
	3.3	Other structures	Structures different from types 3.1 and 3.2	Incinerator, boundary stone, survey point

4	TRANSPORT AND TELECOMMUNICATIONS: Structures related to transports and telecommunications			
4.1	Air transport	Features associated with air transport	airport, aerodrome, landing strip, eliport	
4.2	Maritime and fluvial transport	F. associated with maritime and fluvial transport	harbour, pier, quay	
4.3	Land transport	F. associated with land transport		
	Road transport		highway, road	
	Rural ways: byways, cattle routes, paths		byway, cattle route, path	
	Urban ways		street, square	
	Rail transport		railway station	
	Structures associated		bridge, tunnel	
4.4	Telecommunication	F. associated with telecomm.	antenna site, radio station	

5	TERRAIN FEATURES: Land features of natural environment including vegetation. In general they are natural elements but can be modified by man			
	5.1	Island	Tract of land surrounded by water, smaller than a continent	island, archipelago
	5.2	Coastal relief	Features that describe the coast line	
		Cape		cape, delta, peninsula
		Beach		beach
		Other coastal relief		cliff, isthmus, reef, shoal
	5.3	Elevation	High terrain areas	
		Mountain range		mountain range
		Peak		mountain, peak
		Mountain pass		pass
		Other elevations		plateau

5	TERRAIN FEATURES (cont.)		
	5.4	Large terrain area	Large portions of earth's surface, except island, coast and elevation features
		Plain	
		Depression	
		Forest	
		Other areas	
	plain	valley, cliff, defile	forest
	volcanic area, low vegetation, desert, wetland, marshe		

5	TERRAIN FEATURES (cont.)		
	5.5	Small terrain area	Small portions of earth's surface, except island, coast and elevation features
		Spot	Any kind of small terrain area (related to relief, soil, vegetation or other characteristic) slope, rocky ground
		Land parcel	Tracts or plots of earth's surface distinguishable by ownership (modified or not by man). pasture, vineyard
	5.6	Point terrain feature	Point feature of natural environment singular tree, cave, singular rock, aven, sima

6	HYDROGRAPHY: Natural or manmade features related to water		
6.1	Sea	Great bodies of salt water	sea, ocean
6.2	Bay and maritime strait	Indentations in the coastline and maritime straits	bay, gulf, estuary channel, strait
6.3	Lake	Inland bodies of standing water, natural or partially modified by man	lake, pond
6.4	Reservoir	Inland bodies of standing water stored with a dam or other structure	reservoir, manmade pond
6.5	River	Permanent or intermitent flowing water through a natural course	brook, stream, river

6	HYDROGRAPHY (cont.)			
	6.6	Canal	Manmade canal of flowing water	irrigation channel, canal
	6.7	Hydrografic point feature	Hydrografic point feature, natural, partially modified by man or manmade	source, spring, waterfall, rapid, fountain, well
	6.8	Other hydrographic features	Other natural hydrographic features different from types 6.1 to 6.7	glacier
	6.9	Diverse hydrographic structures	Manmade hydrographic structures	dam

7	CONSERVATION AREAS: Terrain or hidrographic conservation areas of natural environment and World Heritage Sites		
	7.1	World Heritage Sites	world heritage site
	7.2	Conservation areas	reserve, national park
8	MISCELLANEOUS: Other kind of features not included in types 1 to 7		