

GEMET

EARTh

Groups list

NATURAL ENVIRONMENT, ANTHROPIC ENVIRONMENT

- ANTHROSPHERE (built environment, human settlements, land setup)
- ATMOSPHERE (air, climate)
- BIOSPHERE (organisms, ecosystems)
- ENVIRONMENT (natural environment, anthropic environment)
- HYDROSPHERE (freshwater, marine water, waters)
- LAND (landscape, geography)
- LITHOSPHERE (soil, geological processes)
- SPACE
- TIME (chronology)

HUMAN ACTIVITIES AND PRODUCTS, EFFECTS ON THE ENVIRONMENT

- AGRICULTURE, FORESTRY; ANIMAL HUSBANDRY; FISHERY
- CHEMISTRY, SUBSTANCES, PROCESSES
- EFFECTS, IMPACTS
- ENERGY
- INDUSTRY, CRAFTS; TECHNOLOGY; EQUIPMENTS
- PHYSICAL ASPECTS, NOISE, VIBRATIONS, RADIATIONS
- PRODUCTS, MATERIALS
- RECREATION, TOURISM
- RESOURCES (utilisation of resources)
- TRADE, SERVICES
- TRAFFIC, TRANSPORTATION
- WASTES, POLLUTANTS, POLLUTION

SOCIAL ASPECTS, ENVIRONMENTAL POLICY MEASURES

- ADMINISTRATION, MANAGEMENT, POLICY, POLITICS, INSTITUTIONS, PLANNING
- ECONOMICS, FINANCE
- ENVIRONMENTAL POLICY
- HEALTH, NUTRITION
- INFORMATION, EDUCATION, CULTURE, ENVIRONMENTAL AWARENESS
- LEGISLATION, NORMS, CONVENTIONS
- RESEARCH, SCIENCES
- RISKS, SAFETY
- SOCIETY

ACCESSORY LISTS

- FUNCTIONAL TERMS
- GENERAL TERMS

EARTh

- ENTITIES
 - IMMATERIAL ENTITIES
 - MATERIAL ENTITIES
- ATTRIBUTES
 - COMPOSITION
 - <STRUCTURE AND MORPHOLOGY>
 - PROPERTIES
- DYNAMIC ASPECTS
 - PROCESSES
 - CONDITIONS
 - ACTIVITIES
 - <EFFECTS AND SINGLE EVENTS>
- DIMENSIONS
- TIME
- ACCESSORY TERMS

Differenze nella sistemazione gerarchica

GEMET

ADMINISTRATION, MANAGEMENT, POLICY, POLITICS, INSTITUTIONS, PLANNING

- ⊕ [administration](#)
- ⊖ [institutional structure](#)
 - ⊕ [administrative body](#)
 - ⊕ [armed forces](#)
 - ⊕ [government \(cabinet\)](#)
 - ⊕ [institutional activity](#)
 - ⊕ [international organisation](#)
 - ⊕ [judicial body](#)
 - ⊕ [non-governmental organisation](#)
 - ⊕ [Parliament](#)
 - ⊕ [scientific committee](#)
 - ⊕ [state](#)
 - ⊕ [statutory public body](#)
- ⊕ [international relations](#)
- ⊕ [management](#)
- ⊕ [planning](#)
- ⊕ [policy](#)
- ⊕ [politics](#)

EARTH

non-governmental organisation

[Home](#) ▶ [ENTITIES](#) ▶ [MATERIAL ENTITIES](#) ▶ [COMPLEX SYSTEMS](#) ▶ [SOCIAL ENTITIES](#) ▶ [\[juridical entities\]](#) ▶ [non governative institutions](#) ▶ [non-governmental organisation](#)

Definition:

A non-governmental organization (NGO) is any non-profit, voluntary citizens' group which is organized on a local, national or international level. Task-oriented and driven by people with a common interest, NGOs perform a variety of service and humanitarian functions, bring citizen concerns to Governments, advocate and monitor policies and encourage political participation through provision of information. Some are organized around specific issues, such as human rights, environment or health. They provide analysis and expertise, serve as early warning mechanisms and help monitor and implement international agreements.

⇒ [UFac NGO](#)

BT [non governative institutions](#)

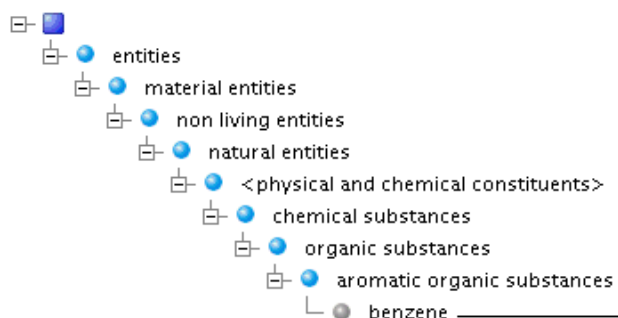
non-governmental organisation

Italian [organizzazioni non governative](#)

ExactMatch <http://www.eionet.europa.eu/gemet/concept/5671>

Themes list

administration	agriculture
agriculture	air
air	climate
animal husbandry	construction
biology	<i>cosmos</i>
building	ecosystems
chemistry	economy
climate	energy
disasters, accidents, risk	fishery
economics	forestry
energy	health/nutrition
environmental policy	husbandry
fishery	industry
food, drinking water	information/education
forestry	land/landscape
general	legislation
geography	<i>leisure activities</i>
human health	military issues
industry	nuclear
information	organisms
legislation	policy
materials	pollution
military aspects	research
natural areas, landscape , ecosystems	safety
natural dynamics	services
noise, vibrations	society
physics	soil
pollution	transport
radiations	urban areas
research	waste
resources	water
social aspects , population	
soil	
<i>space</i>	
<i>tourism</i>	
trade, services	
transport	
urban environment , urban stress	
waste	
water	



AIR	air
CLI	climate
COS	cosmos
ECO	ecosystems
LAN	land, landscape
ORG	organisms
SOC	society
SOI	soil
URB	urban areas
WAT	water
AGR	agriculture
CON	construction
ECN	economy
ENE	energy
FIS	fishery
FOR	forestry
HEA	health, nutrition
HUS	husbandry
IND	industry
INF	information, education
LGS	legislation
MIL	military issues
NUC	nuclear issues
PLC	policy
POL	pollution
REC	leisure activities
RES	research
SAF	safety
SER	services
TRA	transport
WAS	wastes

Contenuto terminologico

5.200 (as in 1999)

12.000

Searched for:
'sea' = 17

62 term/s found for search
expression "**sea**"

sea
sea bed
sea bed
exploitation
sea bed mining
sea circulation
sea grass bed
sea level
sea level rise
sea outfall
sea resource
sea water
sea water
desalination
sea water
protection
sea wave
seashore
seaside
footpath
seaside resort
access to the sea
air sea rescue
air-sea interface
deep sea
deep sea deposit
deep sea fishing
deep sea mining
deep-sea channels
deep-sea disposal
deep-sea environment
deep-sea sedimentation
dumping at sea
enclosed sea
eustatic sea-level change
fish processing at sea
mean sea level
occupational disease
open sea
open sea fishing
regulation on access to the
sea
relative sea level
sea beacon
sea bed exploitation
sea bed exploration
sea bed mining
sea bird
sea circulation
sea current
sea floor
sea grass bed
sea ice
sea inlet
sea level
sea level rise
sea level rise reduction

sea level secular change
sea mammal
sea outfall
sea protection
sea rescue
sea resource
sea spray
sea surge
sea turbulence
sea water
sea water desalination
sea water protection
sea wave
sea-floor spreading
sea-level change
seamount
seaport
seaport code
seaquake
seas
seascape
seashore
seaside footpath
seaside resort
seawall
seaweed
seismic sea wave
whale processing at sea

Searched for: 'ocean' = 10

ocean
ocean circulation
ocean current
ocean dumping
ocean exploitation
ocean outfall
ocean temperature
ocean-air interface
oceanic climate
oceanography

33 term/s found for search expression
"ocean"

ocean
chemical oceanography
estuarine oceanography
ocean basin
ocean bottom seismographs
ocean circulation
ocean closure
ocean conveyor belt USE thermohaline
circulation
ocean current
ocean dumping
ocean exploitation
ocean opening
ocean outfall
ocean ridge
ocean temperature
ocean thermal energy
ocean water
oceanic circulation USE ocean circulation
oceanic climate
oceanic crust
oceanic trenches
oceanic water USE ocean water
oceanographic campaign
oceanographic hazard
oceanographic parameters
oceanographic processes
oceanographic ships USE oceanographic
vessels
oceanographic vessels
oceanography
oceanologist
oceanology USE oceanography
physical oceanography
[oceanic water environment]

Searched for: 'marine' =
17

marine biology
marine conservation
area
marine ecology
marine ecosystem
marine engineering
marine environment
marine fauna
marine fishery
marine geology
marine mammal
marine monitoring
marine organism
marine park
marine pollution
marine reserve
marine resources
conservation
marine sediment

63 term/s found for
search expression
"marine"

glaciomarine
environment
glaciomarine
sedimentation
land-based marine
pollution
liability for marine
accidents
living marine resource
marine accident
marine archaeology
marine biochemistry
marine biology
marine biome
marine biosphere
marine boundary layer
marine climatology
marine conservation
area
marine drilling
marine ecology
marine ecosystem
marine energy
marine engineering
marine environment
marine erosion
marine evasion
marine fauna
marine fishery
marine flora
marine food chain
marine geology
marine grass bed USE
sea grass bed
marine industry
marine installation
marine invertebrate

marine mammal
marine microbiology
marine monitoring
marine organism
marine park
marine phanerogam
marine platform
marine pollution
abatement
marine pollution
control
marine regression
marine rescue
marine reserve
marine resources
conservation
marine sediment
marine sedimentation
marine terraces
marine transgression
marine transport
marine vertebrate
marine waters
marine zone
protected marine zone
submarine
submarine area
submarine canyon
submarine eruption
submarine fan
submarine geology
submarine morphology
submarine spring
submarine volcanoes

INSPIRE Spatial Data Themes - GEMET

Addresses
Administrative units
Agricultural and aquaculture facilities
Area management/restriction/regulation zones and reporting units
Atmospheric conditions
Bio-geographical regions
Buildings
Cadastral parcels
Coordinate reference systems
Elevation
Energy resources
Environmental monitoring facilities
Geographical grid systems
Geographical names
Geology
Habitats and biotopes
Human health and safety
Hydrography
Land cover
Land use
Meteorological geographical features
Mineral resources
Natural risk zones
Oceanographic geographical features
Orthoimagery
Population distribution — demography
Production and industrial facilities
Protected sites
Sea regions
Soil
Species distribution
Statistical units
Transport networks
Utility and governmental services

[Thematic Listings](#) | [INSPIRE Spatial Data Themes](#) | [Alphabetic Listings](#) | [Hierarchical Listings](#) | [Search Thesaurus](#)
Select language: [bg](#) [ca](#) [cs](#) [da](#) [de](#) [el](#) [en](#) [es](#) [et](#) [fi](#) [fr](#) [hr](#) [hu](#) [it](#) [lt](#) [lv](#) [mt](#) [nl](#) [pl](#) [pt](#) [ro](#) [sk](#) [sl](#) [sv](#)

INSPIRE Spatial Data Themes

Addresses	Hydrography
Administrative units	Land cover
Agricultural and aquaculture facilities	Land use
Area management/restriction/regulation zones and reporting units	Meteorological geographical features
Atmospheric conditions	Mineral resources
Bio-geographical regions	Natural risk zones
Buildings	Oceanographic geographical features
Cadastral parcels	Orthoimagery
Coordinate reference systems	Population distribution — demography
Elevation	Production and industrial facilities
Energy resources	Protected sites
Environmental monitoring facilities	Sea regions
Geographical grid systems	Soil
Geographical names	Species distribution
Geology	Statistical units
Habitats and biotopes	Transport networks
Human health and safety	Utility and governmental services

Addresses

Definition:

Location of properties based on address identifiers, usually by road name, house number, postal code.

Scope note:

scope note is not available

Other relations:

Has exact match

[JRC Feature Concept Dictionary: Addresses](#)

Area management/restriction/regulation zones and reporting units

Definition:

Areas managed, regulated or used for reporting at international, European, national, regional and local levels. Includes dumping sites, restricted areas around drinking water sources, nitrate-vulnerable zones, regulated fairways at sea or large inland waters, areas for the dumping of waste, noise restriction zones, prospecting and mining permit areas, river basin districts, relevant reporting units and coastal zone management areas.

Scope note:

scope note is not available

Other relations:

Has exact match

[JRC Feature Concept Dictionary: Area management/restriction/regulation zones and reporting units](#)

Atmospheric conditions

Definition:

Physical conditions in the atmosphere. Includes spatial data based on measurements, on models or on a combination thereof and includes measurement locations.

Scope note:

scope note is not available

Other relations:

Has exact match

[JRC Feature Concept Dictionary: Atmospheric conditions](#)

Has related match

[GEMET: climate](#)

INSPIRE Spatial Data Themes - EARTH

INSPIRE spatial data themes	termine EARTH/EOSterm	note
Coordinate reference systems	coordinate system	
Geographical grid systems		si potrebbe inserire
Geographical names		si potrebbe inserire
Administrative units		si potrebbe inserire
Addresses		non ha senso in un thesaurus ambientale
Cadastral parcels		da valutare
Transport networks	«trasportation networks and complexes»	
Hydrography	hydrography	
Protected sites	protected area	
Elevation	elevation	
Land cover	land cover	
Orthoimagery		si potrebbe inserire in EOSterm
Geology	geology	
Statistical units		da valutare
Buildings	buildings	
Soil	soil	
Land use	land use	
Human health and safety	health + safety	
Utility and governmental services		è una macrocategoria; da valutare
Environmental monitoring Facilities		è una macrocategoria; da valutare
Production and industrial facilities		è una macrocategoria; da valutare
Agricultural and aquaculture facilities		è una macrocategoria; da valutare
Population distribution and demography	population distribution + demography	
Area management / restriction / regulation zones & reporting units		è una macrocategoria; da valutare
Natural risk zones	natural risk + zone	
Atmospheric conditions	atmospheric conditions	
Meteorological geographical features		è una macrocategoria; da valutare
Oceanographic geographical features		è una macrocategoria; da valutare
Sea regions		da valutare
Bio-geographical regions	biogeographical regions	
Habitats and biotopes	habitat + biotope	
Species distribution	distribution of organisms	
Energy Resources	energy resource	
Mineral Resources	mineral resource	

Aurora | Google | Seminario Pini 13-06-2013 - RITMARE SP7 | SemanticLab - SDI Unit - JRC-IES - Eu... | semantictlab.jrc.ec.europa.eu | qualcun altro

European Commission
Joint Research Centre
 Institute for Environment and Sustainability

SEMANTICLAB

About the SemanticLab

The SemanticLab is a server managed by the [Spatial Data Infrastructures Unit of JRC-IES](#) for the purpose of creating, aggregating and deploying thesauri related to geographic information that are made available in the [SKOS format](#), an ontology-based formalism for the encoding of thesauri and knowledge organisation systems in general.

These facilities has been set up in the context of the [GENESIS FP7](#) project for the purpose of grounding semantics-aware annotation and retrieval of geospatial resources.

Sesame RDF triple store

At the core of the services that are provided is an instance of the [Sesame](#) RDF triple store, hosting several repositories organising thesauri in different configurations, depending on the requirements of the applications that are leveraging on them. The repositories can be accessed as SPARQL endpoints over HTTPS.

[SPARQL endpoint](#)

[Sesame Workbench](#)

SKOS Matcher

This prototype application interacts with SPARQL endpoints for the purpose of navigating and interrelating independent SKOS thesauri. The former deployment form is provided on the right and allows to browse the reference thesauri for SDIs that are hosted by the system. It is also available as the matching application.

[Matching application](#)

Semantic MediaWiki

An instance of the [Semantic MediaWiki](#) has been configured in order to enable the collaborative development of SKOS thesauri with an easy to use form-based interface.

[Semantic MediaWiki instance](#)

Browse sample SKOS repository

Vocabulary:
 Select Vocabulary
 Select Vocabulary
 "GEMET - Concepts, version 2.4"
 "GEMET - Groups, version 2.4"
 "GEMET - INSPIRE themes, version 1.0"
 "GEMET - Supergroups, version 2.4"
 "GEMET - Themes, version 2.4"
 "GEOSS - Earth Observation Vocabulary, version 1.0"
 "GEOSS - Societal Benefit Areas, version 1.0"
 "INSPIRE - Feature Concept Dictionary, version 3"
 "INSPIRE - Glossary, version 3"
 "ISO - 19119 geographic services taxonomy"

[repositories/reference change](#)

Browse sample SKOS repository

Vocabulary:
 "GEMET - Themes, version 2.4"

Type:
 "No type selected"

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)
 ALL (possibly slow)

TERM
administration (en)
agriculture (en)
air (en)
animal husbandry (en)
biology (en)
building (en)
chemistry (en)
climate (en)
disasters, accidents, risk (en)
economics (en)
energy (en)
environmental policy (en)
fishery (en)
food, drinking water (en)
forestry (en)
general (en)
geography (en)
human health (en)
industry (en)
information (en)
legislation (en)
materials (en)
military aspects (en)
natural resources, landscape, recreation (en)

Browse sample SKOS repository

Vocabulary:
 "GEMET - Supergroups, version 2.4"

Type:
 "No type selected"

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)
 ALL (possibly slow)

TERM
ACCESSORY LISTS (en)
HUMAN ACTIVITIES AND PRODUCTS, EFFECTS ON THE ENVIRONMENT (en)
NATURAL ENVIRONMENT, ANTHROPIC ENVIRONMENT (en)
SOCIAL ASPECTS, ENVIRONMENTAL POLICY MEASURES (en)