



## WHAT'S NEW ON GEONETWORK 3.2 FOR INSPIRE

Paul van Genuchten (GeoCat)  
Francois Prunayre (titellus)





GeoNetwork; A catalogue to facilitate  
discoverability of (spatial) resources

# Search a catalogue

**Provincie Noord-Brabant**

Home Zoeken Kaart Inloggen

Welk onderwerp? Op welke locatie?

Zoeken Toon resultaten Reset

[Uitgebreid zoeken](#)

82 resultaten gevonden Sorteer op relevantie ▾

**ORGANISATIES**

[Provincie Noord-Brabant](#) (71)

[Geoffrey's Tube Australia](#) (3)

[Department of Sustaina...](#) (3)

[FAO - Land and Water D...](#) (1)

[FAO - NRCW](#) (1)

**TREFWOORDEN**

[Natuur en milieu](#) (42)

[Cultuurhistorische waar...](#) (12)

[Maatschappij](#) (12)

[Biota](#) (10)

**VOLKSGEZONDHEID** (10)

**Waterwingebieden**

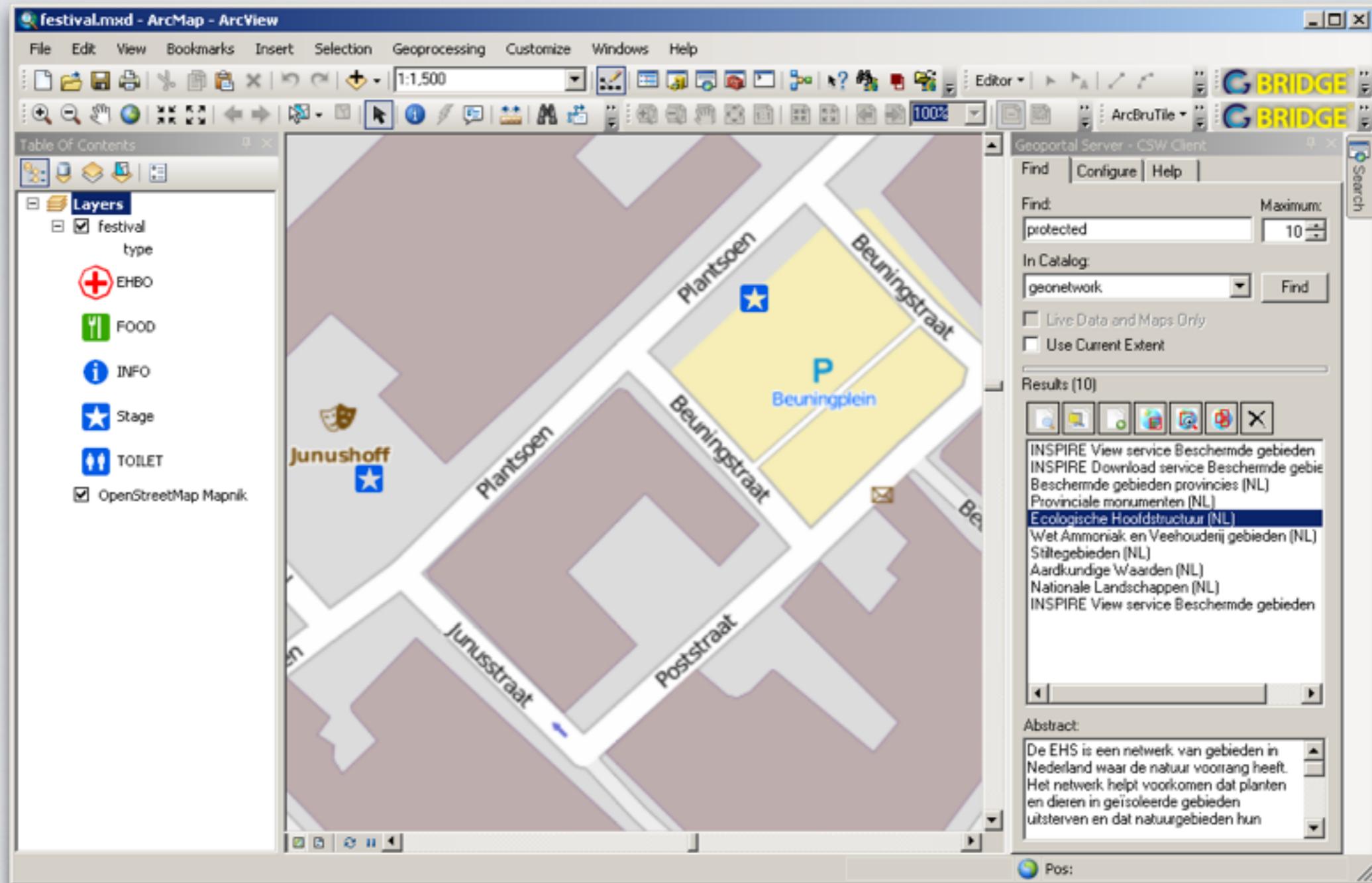
Organisatie: Provincie Noord-Brabant  
Bijgewerkt: 2016-08-11  
Onderwerp(en): [natuur en milieu](#) [nutsbedrijven communicatie](#)

Waterwingebieden zijn de gebieden waar het grondwater wordt onttrokken t.b.v. de drinkwaterproductie. Hier geldt de grootste mate van bescherming voor het grondwater qua regelgeving ten behoeve van de waterwinning. Waterwingebieden vormen samen met boringsvrije zones, 25- en 100-jaarszones de beschermingszones grondwaterwinning openbare dri... meer



Gezondheidskaart GES Colvid provinciale wegen I den 2017

# Or from your favourite desktop app



# Or in your favourite search engine

Google dataset inspire

All Images Videos News Shopping More ▾ Search tools

About 372,000 results (0.29 seconds)

**dataset - inspire - Europa.eu**  
[inspire.ec.europa.eu](http://inspire.ec.europa.eu/) › ... › INSPIRE › INSPIRE registry › INSPIRE glossary ▾  
http://inspire.ec.europa.eu/glossary/Dataset. This version: http://inspire.ec.europa.eu/glossary/Dataset:1. Latest version: http://inspire.ec.europa.eu/glossary/ ...

**Eesti maakatastri kitsendusi põhjustavate objektide infosüsteem**  
[opendatacat.net/geonetwork/srv/dataset/maaamet\\_KPO\\_IS](http://opendatacat.net/geonetwork/srv/dataset/maaamet_KPO_IS) ▾ [Translate this page](#)  
Ruumiandmekogum kuulub Eesti maakatastri koosseisu. Eesti maakatastri kitsendusi põhjustavate objektide infosüsteemi (KPO IS) kogutakse graafilist ja ...

**Eesti geodeetiliste punktide andmekogu**  
[opendatacat.net/geonetwork/srv/.../maaamet\\_geodeetilised\\_punktid](http://opendatacat.net/geonetwork/srv/.../maaamet_geodeetilised_punktid) ▾ [Translate this page](#)  
Eesti geodeetiliste punktide andmekogu (GPA) koosneb digitaalselt peetavast geodeetiliste punktide andmebaasist, mis sisaldb muuhulgas geodeetiliste ...

**Eesti pöllumajandusloomade register (ruumiandmekogum)**  
[opendatacat.net/geonetwork/srv/dataset/PRIA\\_pm\\_loomreg](http://opendatacat.net/geonetwork/srv/dataset/PRIA_pm_loomreg) ▾ [Translate this page](#)  
Pöllumajandusloomade registrisse kantakse andmed identifitseeritud pöllumajandusloomade, loomapidamiskohtade ja tunnustatud tapamajade ning loomsete ...

**INSPIRE datová sada pro téma Nadmořská výška (EL)**  
[opendatacat.net/geonetwork/srv/dataset/CZ-CUZK-EL](http://opendatacat.net/geonetwork/srv/dataset/CZ-CUZK-EL) ▾ [Translate this page](#)  
Data INSPIRE tématu Nadmořská výška jsou harmonizována dle prováděcích pravidel INSPIRE. Tato datová sada nadmořské výšky České republiky má proto ...

**Statistické obvody**  
[opendatacat.net/.../srv/.../56f2aa33-54c4-44f5-a2c1-7ae4c0a80137](http://opendatacat.net/.../srv/.../56f2aa33-54c4-44f5-a2c1-7ae4c0a80137) ▾ [Translate this page](#)  
Statistickými obvody (SO) se rozumí nejmenší územní jednotky, z nichž se skládají katastrální území a základní sídelní jednotky, jejichž síť vykrývá celé území ...

# Editor & Validation

Toolbar:

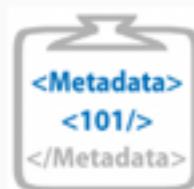
- Import
- Cancel
- Save and Close
- Save metadata

**Basis elementen**

Titel van de bron *	test INSPIRE	?
Unieke Identifier van de bron *	1234-1234-1234-1234	?
Status	continu geactualiseerd	?
Onderwerp	landbouw en veeteelt	?
Samenvatting *	dit is een samenvatting	?
Trefwoord *		?
Trefwoord	+ <input type="button"/>	?
Datum van de bron *	creatie <input type="button"/> 2016-01-01	?
Datum van de bron	+ Datum toevoegen	?
Algemene beschrijving herkomst *		?
Gebruiksbeperkingen *		?
(Juridische)	anders	?

**Suggesties**

**Suggesties tonen**

[This organization](#)[Search](#)[Pull requests](#) [Issues](#) [Gist](#)

# Metadata 101

<http://www.metadata101.org>[Repositories](#)[People 10](#)[Teams 2](#)[Settings](#)[Filters](#) ▾ Find a repository...[New repository](#)

## iso19115-3

Updated 16 days ago

XSLT ★ 2 ⚡ 5

## iso19139.nl.services.1.2.1

Updated 26 days ago

XSLT ★ 0 ⚡ 1

## iso19139.nl.geografie.1.3.1

Updated 26 days ago

XSLT ★ 0 ⚡ 1

## iso19139.anzlic

ISO19115/19139 ANZLIC Profile 1.1

Updated on Jul 6

XSLT ★ 0 ⚡ 1

## iso19139.sdn-csr

ISO19139 / SeaDataNet / Cruise Summary Reports

XSLT ★ 0 ⚡ 1

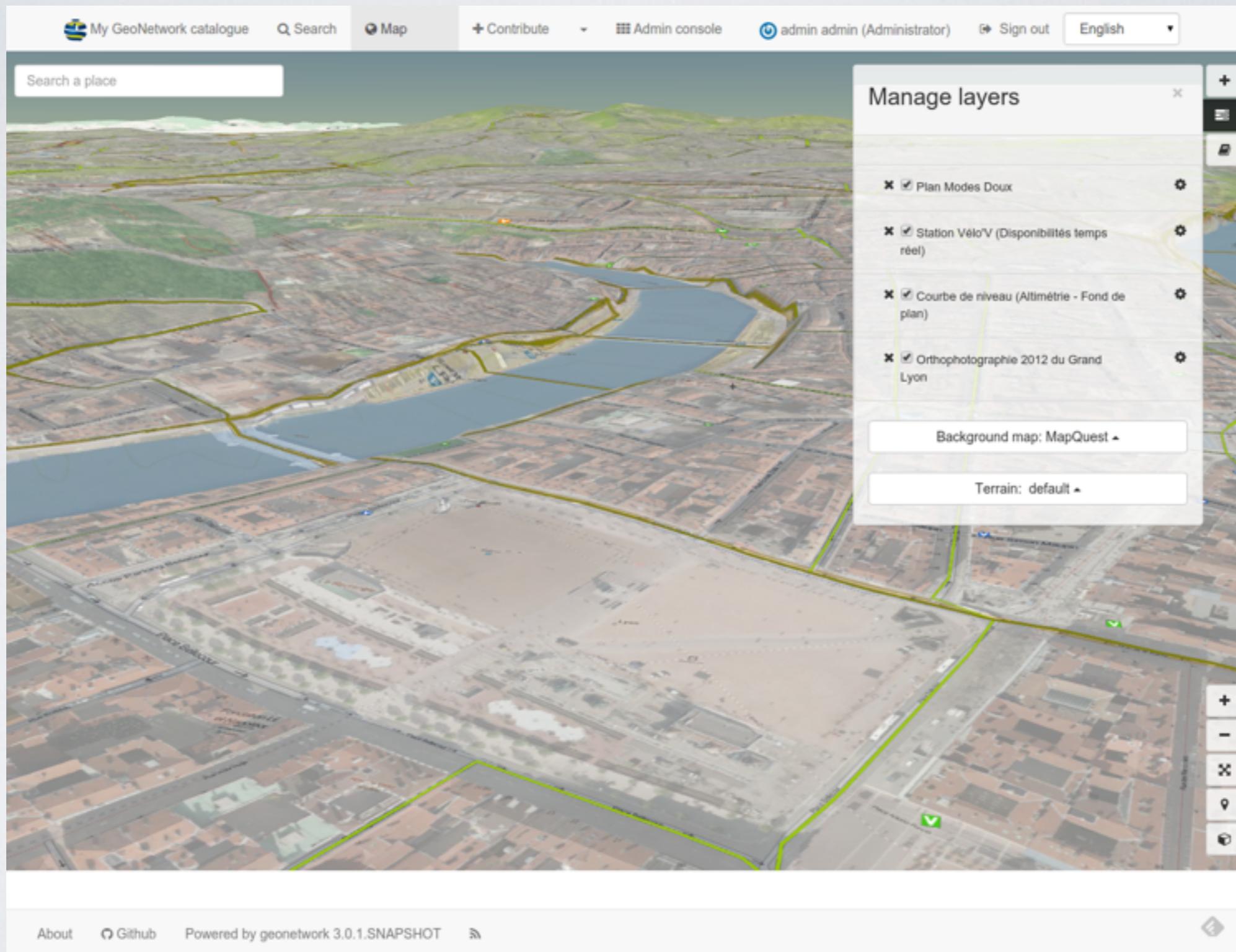
Schema-plugins to  
add additional  
metadata schema's

Updated on Jul 5

# Transformations (dcat, dublin core)



# A map viewer to visualise resources



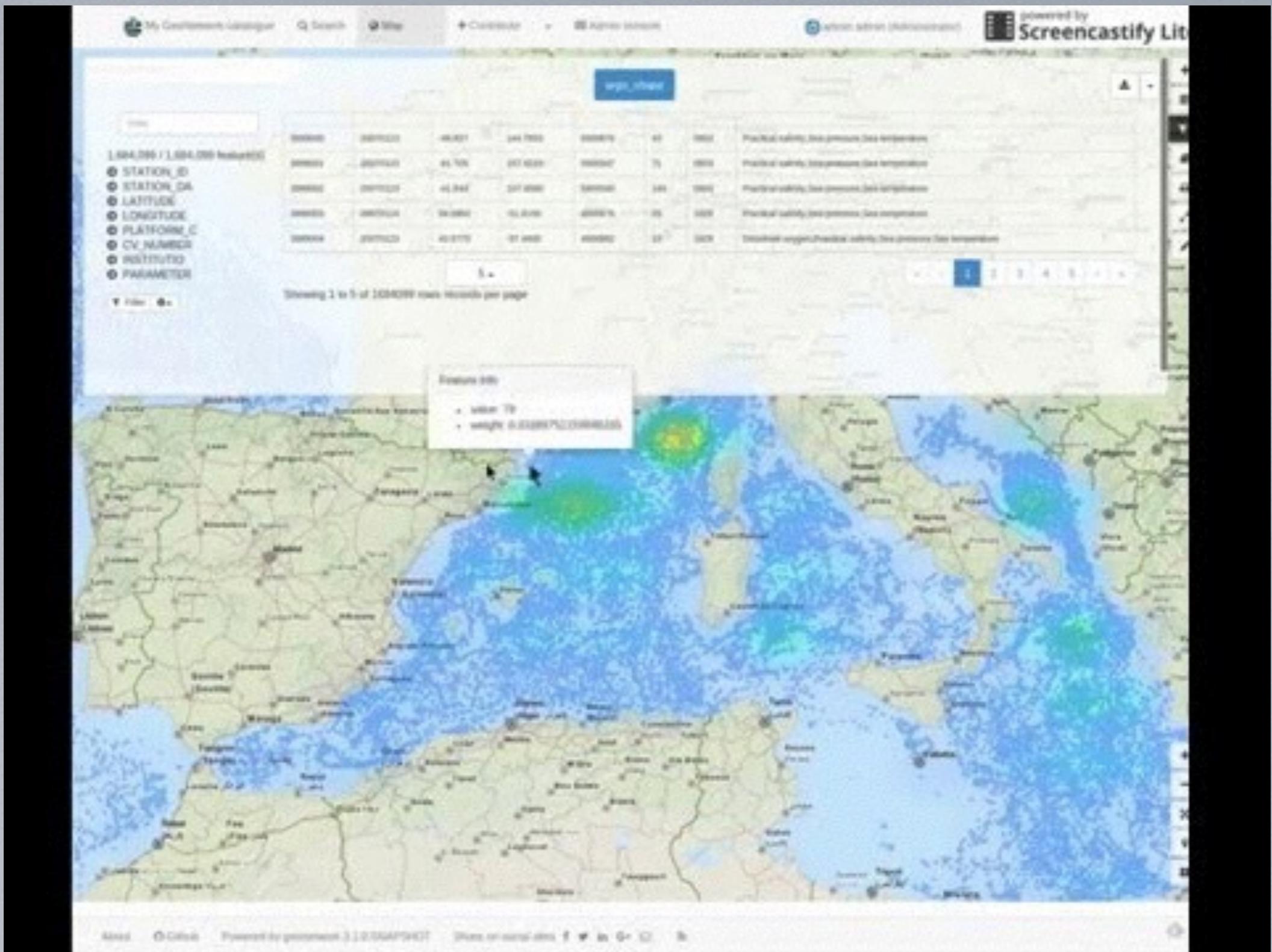


## WHAT'S NEW ON GEONETWORK 3.2 FOR INSPIRE

Paul van Genuchten (GeoCat)  
Francois Prunayre (titellus)



# What's new in 3.2



1,684,099 / 1,684,099 feature(s)

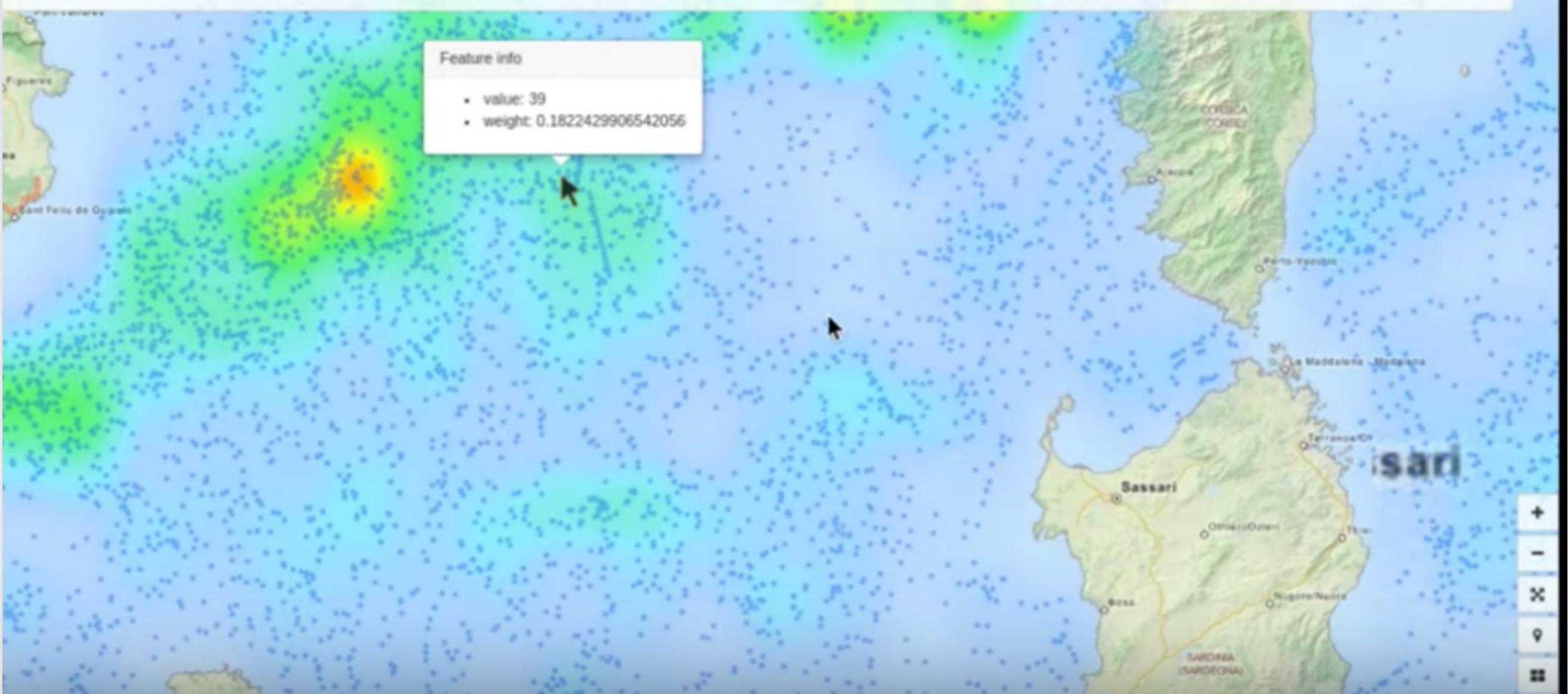
STATION_ID	STATION_DA	LATITUDE	LONGITUDE	PLATFORM_C	CV_NUMBER	INSTITUTIO	PARAMETER
3968001	20070123	-41.705	157.6220	5900347	71	0903	Practical salinity,Sea pressure,Sea temperature
3968002	20070123	-41.844	107.4580	5900040	146	0903	Practical salinity,Sea pressure,Sea temperature
3968003	20070124	59.5850	-51.8150	4900876	25	1829	Practical salinity,Sea pressure,Sea temperature
3968004	20070123	43.5770	-57.4600	4900882	10	1829	Dissolved oxygen,Practical salinity,Sea pressure,Sea temperature

5

1 2 3 4 5 &gt; &lt;

Showing 1 to 5 of 1684099 rows records per page

Filter


+  
-  
X  
9  
■■■

titellus

# GeoNetwork Api Documentation (beta)

Learn how to access the catalog using the GeoNetwork REST API.

Created by [geonetwork@osgeo.org](mailto:geonetwork@osgeo.org)

[GPL 2.0](#)

<a href="#">csw : Virtual CSW operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">formatters : Formatter operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">groups : Groups operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">identifiers : Identifiers operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">languages : Languages operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">logos : Logos operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">mapservers : Mapservers related operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">me : Me operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">operations : Privileges operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">processes : Processing operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">records : Metadata record operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">regions : Regions operations</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>
<a href="#">registries : Registries related operations</a>	
<a href="#">search : Catalog search operations</a>	
<a href="#">selections : Selection related operations</a>	
<a href="#">site : Catalog operations</a>	
<a href="#">sources : Sources operations</a>	
<a href="#">standards : Standard related operations</a>	
<a href="#">status : Workflow status operations</a>	
<a href="#">tags : Tags operations</a>	
<a href="#">threads : Threads</a>	<a href="#">Show/Hide</a>   <a href="#">List Operations</a>   <a href="#">Expand Operations</a>



# GeoNetwork Api Documentation (beta)

Learn how to access the catalog using the GeoNetwork REST API.

Created by geonetwork@osgeo.org

[GPL 2.0](#)

csw : Virtual CSW operations

Show/Hide | List Operations | Expand Operations

formatters : Formatter operations

Show/Hide | List Operations | Expand Operations

groups : Groups operations

Show/Hide | List Operations | Expand Operations

**GET** /srv/api/0.1/groups Get groups

**PUT** /srv/api/0.1/groups Add a group

**DELETE** /srv/api/0.1/groups/{groupIdentifier} Remove a group

**GET** /srv/api/0.1/groups/{groupIdentifier} Get group

**PUT** /srv/api/0.1/groups/{groupIdentifier} Update a group

## Parameters

Parameter	Value	Description	Parameter Type	Data Type
groupIdentifier	<input type="text"/>	Group identifier	path	integer
group	<div style="border: 1px solid #ccc; padding: 10px; height: 150px;"></div>	Group details	body	<div style="border: 1px solid #ccc; padding: 5px;"><a href="#">Model</a> <a href="#">Model Schema</a></div> <pre>{ "allowedCategories": [ { "id": 0, "label": {}, "name": "string" } ] }</pre>

Parameter content type: [application/json ▾](#)



### ▼ Point of contact

Organisation name	Individual name	Electronic mail address	Role
Ifremer	Jacques Populus	jacques.populus@ifremer.fr	Point of contact ▾
All Français English	All Français English	All Français English	
Agence des aires marines	Alain Pibot	alain.pibot@aires-maree.fr	Originator ▾
All Français English	All Français English	All Français English	
All Français English	All Français English	All Français English	
 + <input type="button" value="Search for a contact ..."/>			
Maintenance and update frequency *	As needed ▾		

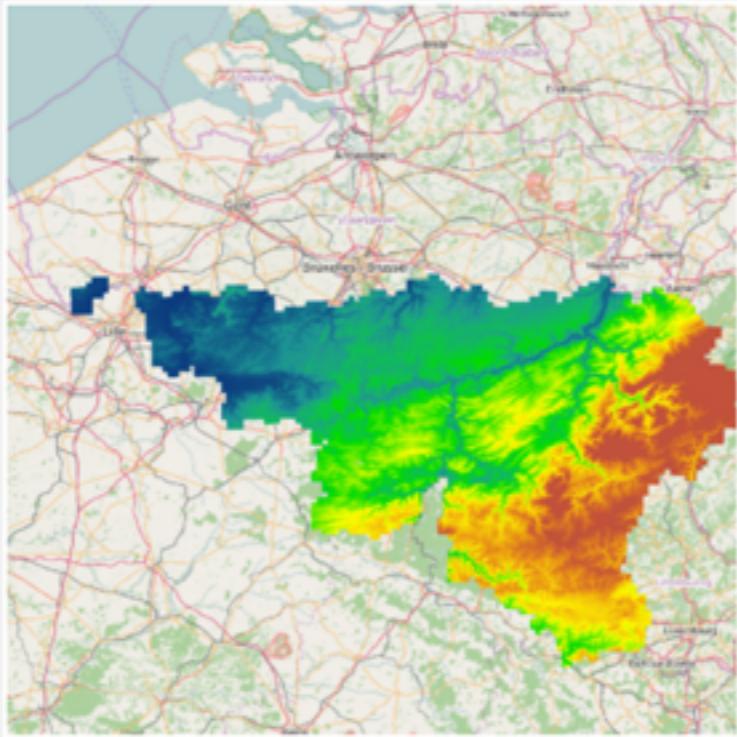
### ▼ Contact

Organisation name	Individual name	Electronic mail address	Role
All Français English	All Français English	All Français English	

Link an online resource to the current metadata

Add a thumbnail  Add link

URL <http://localhost:8080/geonetwork/srv/api/metadata/ece724ba-dec3-435c-8e>

Overview 

Description Area covered by the dataset

All  Europe France

[Add link](#)

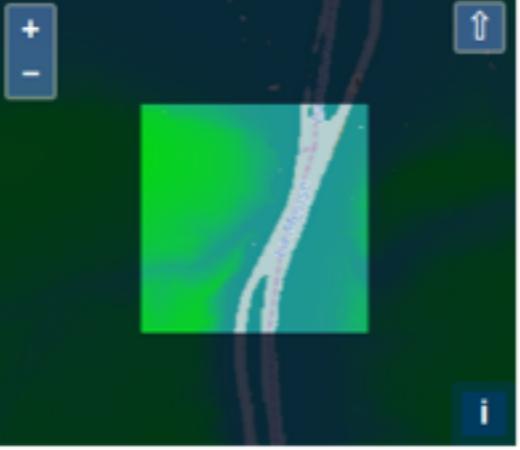
Metadata file store

thumbnail305043646540510794.png   

thumbnail5669812238696832732.png   

+Choose or drop resource here

Generate thumbnail using the visualization service



All WMS layers registered in the metadata record are added to the map. Choose a layout (Thumbnail recommended), a scale, zoom to the area of interest to generate the thumbnail.

Layout

Scale

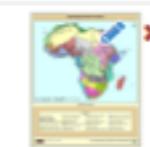
Generate thumbnail

All changes saved

Validate Cancel Save & close Save metadata

```
87      </gmd:MD_ReferenceSystemIdentifier>
88    </gmd:referenceSystemIdentifier>
89  </gmd:referenceSystemInfo>
90  <gmd:identificationInfo>
91    <gmd:MD_DataIdentification>
92      <gmd:citation>
93        <gnd:CI_Citation>
94          <gnd:title>
95            <gco:CharacterString>Hydrological Basins of Africa</gco:CharacterString>
96          </gnd:title>
97          <gnd:date>
98            <gnd:CI_Date>
99              <gnd:date>
101                <gco:DateTime>2000-07-19T14:45:00</gco:DateTime>
102              </gnd:date>
103              <gnd:dateType>
104                <gmd:CI_DateTypeCode codeList="http://standards.iso.org/ittf/PubliclyAvailableStandards
105                  /ISO_19139_Schemas/resources/codelist/ML_gmxCodeLists.xml#CI_DateTypeCode"
106                  codeListValue="creation"/>
107              </gnd:dateType>
108            </gnd:CI_Date>
109            <gnd:date>
110              <gco:CharacterString>First</gco:CharacterString>
111            </gnd:date>
112            <gnd:edition>
113              <gnd:CI_PresentationFormCode codeList="http://standards.iso.org/ittf/PubliclyAvailableStandards
114                /ISO_19139_Schemas/resources/codelist/ML_gmxCodeLists.xml#CI_PresentationFormCode"
115                codeListValue="mapDigital"/>
116            </gnd:edition>
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118          </gnd:citation>
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120          <gnd:purpose></gnd:purpose>
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127          <gnd:resourceConstraints></gnd:resourceConstraints>
128          <gnd:spatialRepresentationType>
129            <gmd:MD_SpatialRepresentationTypeCode codeList="http://standards.iso.org/ittf/PubliclyAvailableStandards
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131              codeListValue="vector"/>
132          </gnd:spatialRepresentationType>
133          <gnd:spatialResolution>
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136                <gnd:MD_RepresentativeFraction>
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139                  </gnd:denominator>
140                </gnd:MD_RepresentativeFraction>
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146          </gnd:language>
147          <gnd:characterSet>
148            <gmd:MD_CharacterSetCode codeList="http://standards.iso.org/ittf/PubliclyAvailableStandards
149              /ISO_19139_Schemas/resources/codelist/ML_gmxCodeLists.xml#MD_CharacterSetCode"
150              codeListValue="utf8"/>
151          </gnd:characterSet>
152        </gnd:characterSet>
```

### Associated resources +



### Online resources +

GEONETWORK:basins\_296

<http://localhost:8080/geonetwork/srv/api/resources/da165110-88fd-11da-a88f-000d939bc5d8/attachments/basins.zip>

<http://www.fao.org/ag/AGL/aglw/aquastat/watresafrica/index.stm>

### Validation

### Suggestions

Need help

# GeoNetwork and INSPIRE



**INSPIRE CSW extended capabilities**  
**Filter by INSPIRE theme**  
**INSPIRE SDS metadata editor**  
**INSPIRE ATOM OpenSearch**  
**INSPIRE Metadata Validation**



## General recommendations for interoperability

Activate CORS  
W\*S/SOS Services over https

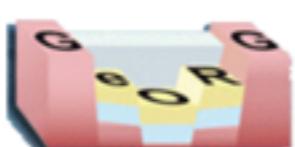
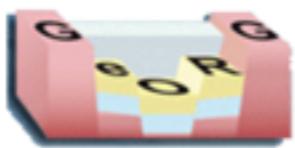
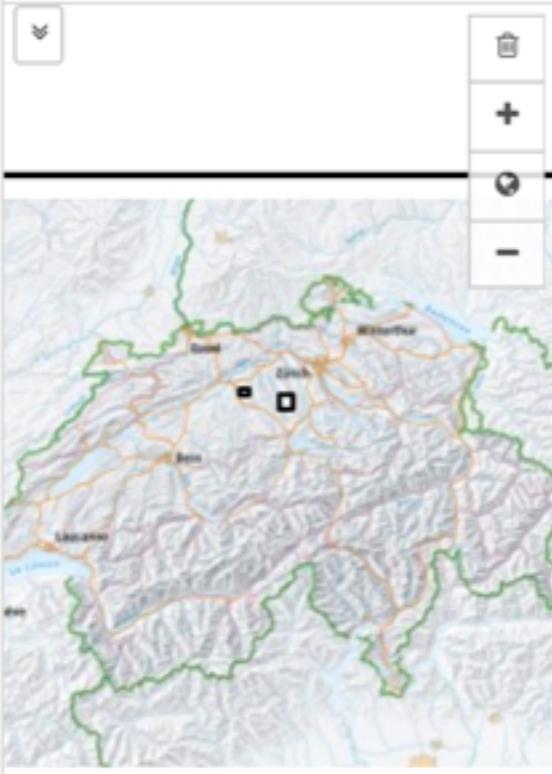
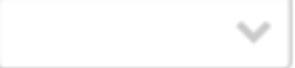
# Some 3.x implementations



Sorted by relevance ▾

[Reset](#) [Show advanced options](#)

Catalogue(



### WMS GeORG Position data

In the framework of the European project "GeORG" (Geopotentials of the deep Upper Rhine Graben), partners from Switzerland, France and Germany prepared basic information on the subsurface of the Upper Rhine Graben and made them available to professionals as well as the interested public. GeORG has been financed by the Interreg IV Upper Rhine progra... more

### WMS GeORG Temperature Data

In the framework of the European project "GeORG" (Geopotentials of the deep Upper Rhine Graben), partners from Switzerland, France and Germany prepared basic information on the subsurface of the Upper Rhine Graben and made them available to professionals as well as the interested public. GeORG has been financed by the Interreg IV Upper Rhine progra... more

### WMS GeORG Cross sections

In the framework of the European project "GeORG" (Geopotentials of the deep Upper Rhine Graben), partners from Switzerland, France and Germany prepared basic information on the subsurface of the Upper Rhine Graben and made them available to professionals as well as the interested public. GeORG has been financed by the Interreg IV Upper Rhine progra... more

### WMS GeORG Thickness data

In the framework of the European project "GeORG" (Geopotentials of the deep Upper Rhine Graben), partners from Switzerland, France and Germany prepared basic information on the subsurface of the Upper Rhine Graben and made them available to professionals as well as the interested public. GeORG has been financed by the Interreg IV Upper Rhine progra... more

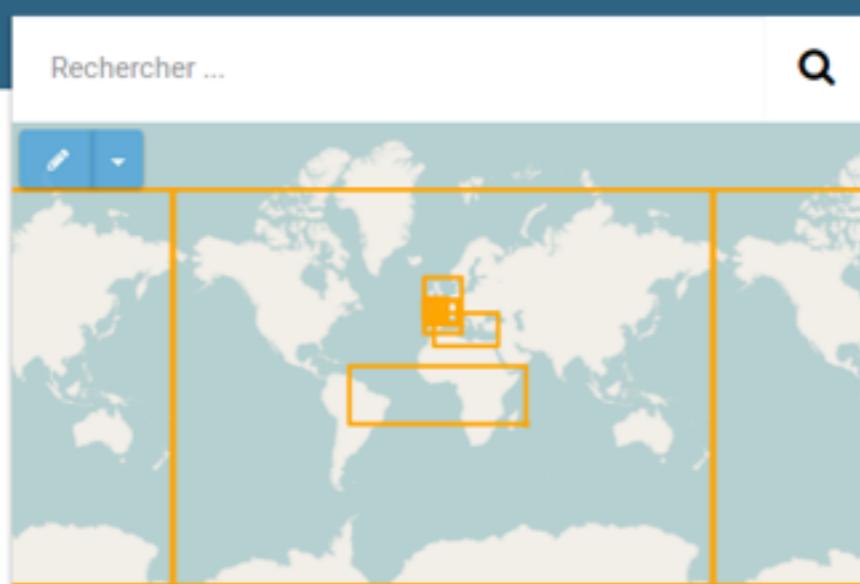


# Sextant

Infrastructure de données géographiques marines et littorales

[Présentation](#)[Catalogues thématiques](#)[Services OGC](#)[Ressources documentaires](#)[CATALOGUE](#)[CARTE](#)[MES TÉLÉCHARGEMENTS](#)

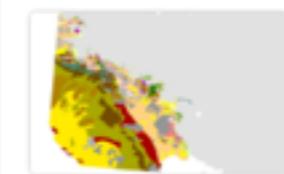
Résultats 1 à 20 sur 5587 : 20 par page ▾

[Catalogue](#)[Thèmes Sextant](#) [Activités humaines](#)

- [Activités agricoles \(21\)](#)
- [Activités scientifiques \(41\)](#)
- [Activités touristiques \(15\)](#)
- [Campagnes océanographiques \(27\)](#)
- [Cultures marines \(23\)](#)

[Thèmes Inspire](#)[Mots-clés](#)[Contact de la ressource](#)[Années](#)[Effacer les filtres](#)

 [Atlas des fonds meubles du plateau continental du golfe de Gascogne :...](#)

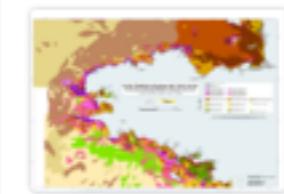


Cette carte est la synthèse des cartes de l'atlas de Claude Chassé et Michel Glémarec de l'Université de Bretagne Occidentale, "Atlas du littoral français, atlas des fonds meubles du plateau continental du Golfe de Gascogne, cartes biosédimentaires", publié en 1976 avec le concours du CNEXO. Cet atlas comprend ...

Source: Rebent



 [Carte d'habitats physiques des fonds marins en France métropolitaine...](#)



Habitats physiques dans la typologie Eunis résultant du croisement de trois variables physiques maillées à la résolution de 250 mètres : nature du substrat, zone biologique, tension de cisaillement au fond. Côtes de France métropolitaine. Rapport Ifremer "Hamdi Anouar, Vasquez Mickael, Populus Jacques (2010). ...

Source: Agence des aires marines protégées, Ifremer



 [Carte d'habitats physiques des fonds marins en France métropolitaine...](#)



Habitats physiques dans la typologie Eunis résultant du croisement de trois variables physiques maillées à la résolution de 250 mètres : nature du substrat, zone biologique, tension de cisaillement au fond. Côtes de France métropolitaine. Rapport Ifremer "Hamdi Anouar, Vasquez Mickael, Populus Jacques (2010). ...

Source: Agence des aires marines protégées, Ifremer



 [BATHYMETRIE : MNT Hydrorun à 100m pour les 6 modèles de rang 3 autour...](#)



Modèle numérique de terrain de référence des 6 modèles côtiers (maille à 100m) de la plateforme de modélisation HYDRORUN.

Source: HYDRORUN



GEOCAT

Home Zoeken Kaart Actueel Over NGR Voor ontwikkelaars

Inloggen

# dé vindplaats van geo informatie van heel Nederland

Zoek in 6169 datasets, services en kaarten

Welk onderwerp?

Zoeken

Op welke locatie?



Zoeken

## REKOMMENDERADE DATASAMLINGAR



Filter 1



Filter 2



Filter 3



Filter 4

X

VISA ENBART:

KARTTJÄNSTER

DIREKTÅTKOMLIGA RESURSER

FAVORITER

GEOTEKNIK

VISA ALL RESURSER

AVANCERAD VY

?

BIOLOGI OCH EKOLOGI

MILJÖ

SJÖAR OCH VATTENDRAG

SAMHÄLLE OCH KULTUR

ADMINISTRATIVNA GRÄNSER

AREELLA NÄRINGAR

FÖRSVAR

BYGGNADE OCH BYGGNADEANLÄGGNINGAR

KLIMATOLOGI OCH METEOROLOGI

GEOVETENSKAP

POSITIONERING

TRANSPORTER

EKONOMI

HÄLSA

KUST OCH HAV

TEKNISKA FÖRSÖKNINGSSYSTEM

HÖJDATA

AREALTÄCKANDE BILDER OCH  
BAKGRUNDSKARTOR

FASTIGHETER OCH FYSISK PLANERING

VISAR 1 RESULTAT

BIOLOGI OCH EKOLOGI X

VISA FILTRERING

FRITEXTSÖK

SORTERA EFTER: TITEL ▾ 1 - 1 av 1 ▾ &lt; &gt;



LFV Hinderfritt område Bromma flygplats (bankod 3C) ☆

Senast uppdaterad för 5 månad

ANSVARIG PART

Länsstyrelsen i Stockholm, Avdelning för planfrågor, Cristina Björn



localhost:8080/geonetwork/srv/swe/catalog.search?debug=true&amp;view=swe



# Deltares Data Portal

The place to find and publish spatial datasets



Deltares Data Portal

Admin

## What ?

Give one or more search terms (such as 'rijkswaterstaat', 'grondwater' or 'dem')

Search ...

## When ?

Select the time (period) for which the dataset provides information

From



To



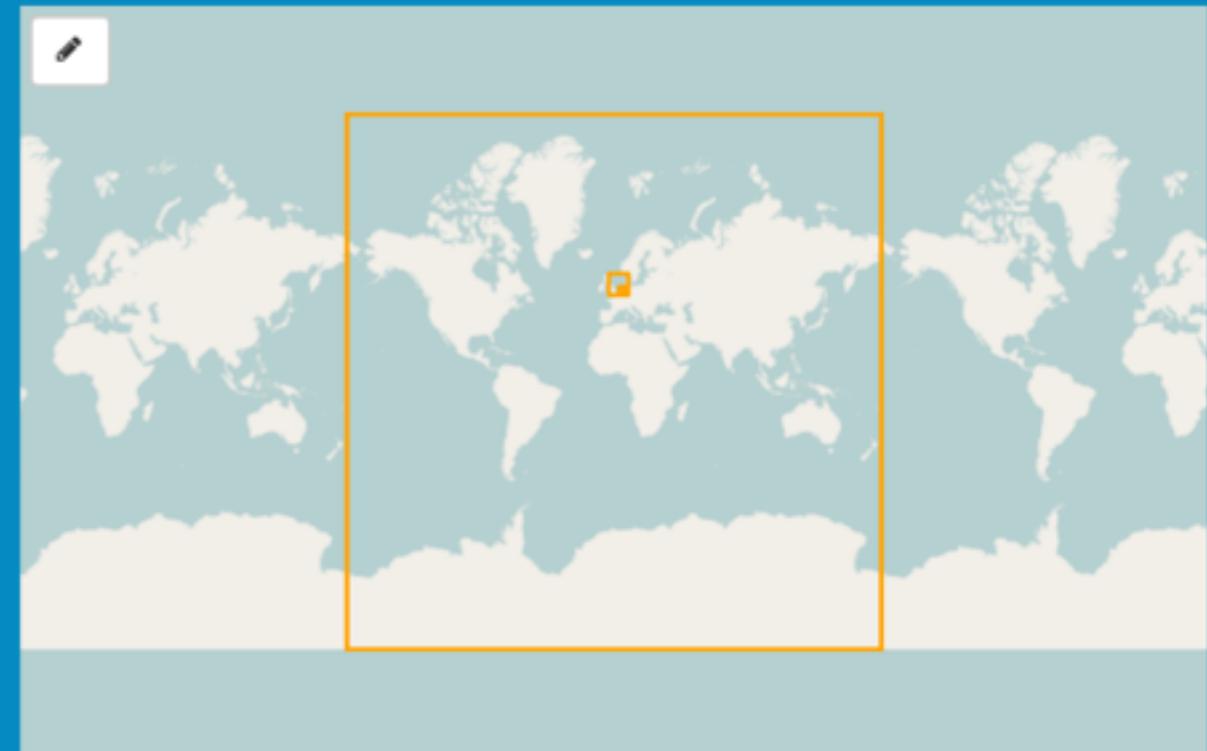
Search

Clear

?

## Where ?

Select an area overlapping with the geographical extent of the dataset



## TYPE OF RESOURCES

Dataset

82

Service

3

## YEARS

2015

3

2014

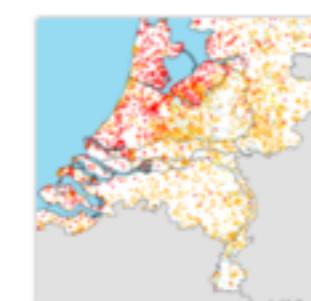
5

2011

2

2000

1



### Waterzuivering ondergrond

Waterzuivering van de ondergrond gaat over verschillende aspecten en processen; denitrificatie, mobilisatie van metalen in het grondwatercompartiment en uitspoeling van m...



### Beschikbaarheid zoet oppervlaktewater,

De beschikbaarheid van zoet grond- en oppervlaktewater is van belang voor landbouw, industrie, drinkwater en natuur. Verzilting van het grond- en oppervlaktewater vindt p...



Visit [geonetwork-opensource.org](http://geonetwork-opensource.org)  
and try the new version

or use a docker image

<https://hub.docker.com/r/oscarfonts/geonetwork/>  
(official version upcoming)