



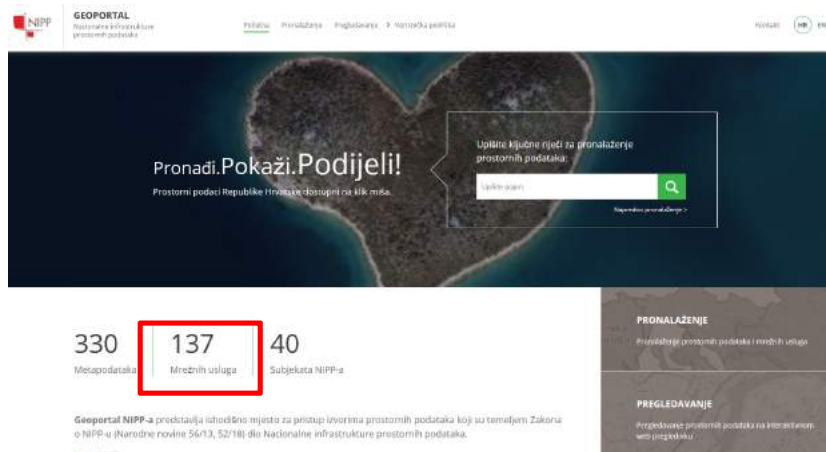
INSPIRE geoportal – povezanost izvora i aspekti interoperabilnosti

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Uvod

- Geoportal NIPP-a – veliki broj mrežnih usluga razvijenih
- INSPIRE geoportal – slaba dostupnost skupova podataka kroz usluge pregleda i preuzimanja



Austria	694 425 561	Finland	599 33 47
Belgium	502 130 214	France	36987 1682 12291
Bulgaria	29 0 0	Germany	29903 1132 9899
Croatia	120 2 3	Greece	41 34 34
Cyprus	42 34 39	Hungary	108 0 1
Czech Republic	149 12 89	Iceland	141 7 0
Denmark	189 6 15	Ireland	54 4 0
Estonia	73 12 23	Italy	20154 0 387

Alati INSPIRE geoportala

- Validator 2
- Discovery/Viewer
- Resource Browser
- Thematic Viewer

The screenshot displays the INSPIRE Geoportal interface, which is designed to enhance access to European spatial data. The main header includes the European Commission logo and the text "INSPIRE GEOPORTAL Enhancing access to European spatial data". Below the header, there are several navigation tabs: "INSPIRE Geoportal", "Harvesting Checker", "Discovery / Viewer", and "Resource Browser".

The "Discovery / Viewer" section features a map of Europe with a search bar labeled "Find a place in: Europe". Below the map, there is a section for uploading resources, including a "Post your resource" button and a "Probe Network Ser" option. A disclaimer is also present, stating that the service is provided as is and that users agree to the terms of use.

The "Resource Browser" section shows a list of resources with columns for MD, INS, DS, and Country. It includes a search bar and a "Search" button. The "Current selection criteria" section shows that no additional search criteria have been selected. The "Add selection Criteria" section includes a table with columns for MD, INS, DS, and Country.

The "Thematic Viewer" section displays a map of Europe with a legend and a "Select a COUNTRY" button. The legend includes items such as "Declared Conformity", "Spatial Data Themes Annex", "Spatial Data Themes", "Keyword", "Keyword URI", "Originating Controlled Vocab", "Originating Controlled Vocab", and "Unique Resource Identifier".

The "INSPIRE Data Sets - EU & EFTA Country overview" section shows a map of Europe with a legend and a "Select a COUNTRY" button. The legend includes items such as "Declared Conformity", "Spatial Data Themes Annex", "Spatial Data Themes", "Keyword", "Keyword URI", "Originating Controlled Vocab", "Originating Controlled Vocab", and "Unique Resource Identifier".

The "INSPIRE Geoportal Data Set Statistics" section shows two statistics: "136383 Metadata records" and "7740 Downloadable Data Sets".

INSPIRE geoportal je temeljna aplikacija koja uspostavlja veze između INSPIRE izvora

INSPIRE geoportal – pretraživač izvora

INSPIRE GEOPORTAL
Enhancing access to European spatial data

European Commission > INSPIRE > Geoportal

Home Priority Data Sets Viewer INSPIRE Thematic Viewer Harvesting status

Find out more about

- Priority Data Sets
- INSPIRE Themes
- Metadata tools
 - Resource browser
 - Metadata editor

Welcome to the INSPIRE Geoportal

The INSPIRE Geoportal is the central European access point to the data provided by EU Member States and several EFTA countries. The Geoportal allows:

- monitoring the availability of INSPIRE data sets;
- discovering suitable data sets based on their descriptions (metadata);
- accessing the selected data sets through their view or download services.

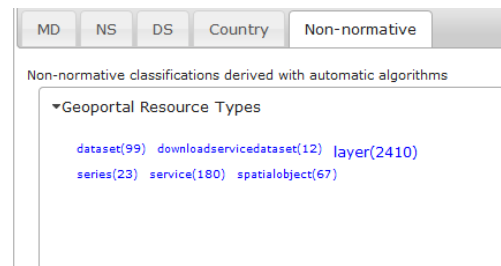
The metadata used in the Geoportal are regularly harvested from the discovery services of EU Member States and EFTA countries. The status of harvesting is available [here](#).

Feedback regarding the functionality as well as data set availability is welcome [here](#).

- Dijagnostički alat za brzo pronalaženje izvora sa pogreškama
- Jednostavan izbor izvora sa istim tipovima pogrešaka
- Izvešća evaluacija pojedinih izvora
- Poveznice na originalne metapodatke

Prikazi INSPIRE izvora na INSPIRE geoportalu

- INSPIRE Geoportal stvara poseban prikaz za svaku vrstu izvora
- Metapodaci
 - Skup/niz podataka – metapodatkovni zapis za skup podataka
 - Usluga – metapodatkovni zapis za uslugu
- Mrežne usluge
 - Usluga – GetCapabilities mrežne usluge
 - Sloj – sloj usluge pregleda
 - Sadržaj usluge preuzimanja – svaki skup podataka koji je dostupan za preuzimanje putem usluge preuzimanja
- Specifikacije podataka
 - Prostorni objekt – INSPIRE prostorni objekt preuzet putem usluge preuzimanja





Skup podataka MD

WMS Sloj

WFS prostorni objekt



- 3 metapodatkovna zapisa (Skup, WMS, WFS)
- 2 GetCapabilities odgovora (WMS, WFS)
- WMS sloj
- WFS INSPIRE prostori objekt

WMS GetCapabilities MD



WFS GetCapabilities MD

Svi izvori imaju svoj jedinstveni prikaz
Svi izvori moraju biti jasno povezani

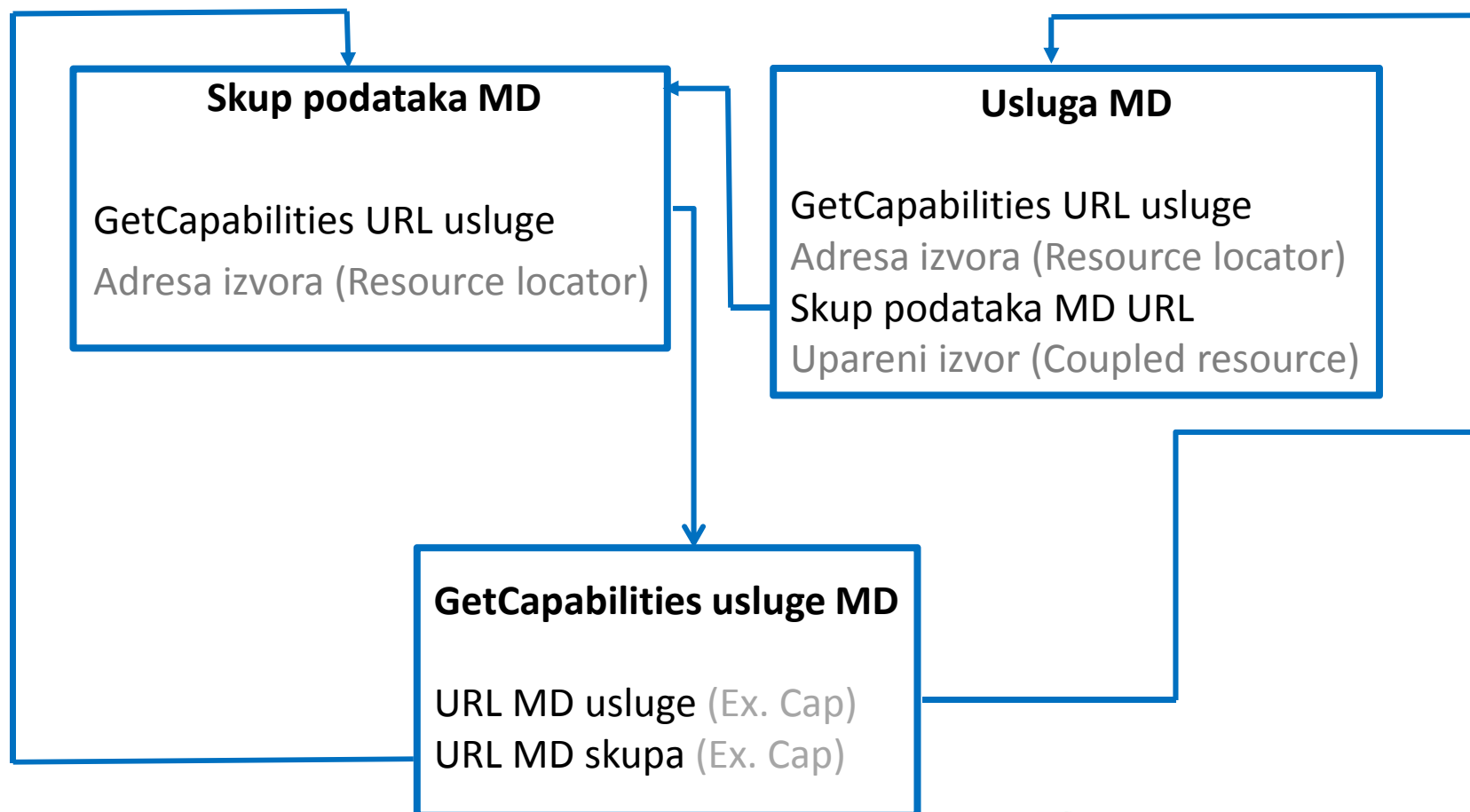


WMS MD

WFS MD



Povezani izvori: MD skup, MD usluga, GetCapabilities usluge MD



Indikatori interoperabilnosti

- Nalaze se na vrhu svakog izvješća validacije i na svakom prikazu izvora na INSPIRE geoportalu
- Označavaju koliko je izvor sukladan sa IR za metapodatke i TG za mrežne usluge

Metapodaci

Interoperabilnost



Vaš cilj



Aspekti interoperabilnosti

- INSPIRE Geoportal prilikom svakog harvestinga provjerava povezanost INSPIRE izvora i aspekte interoperabilnosti
- Aspekti interoperabilnosti
 - temeljni elementi potrebni za funkcioniranje INSPIRE-a
 - izražavaju nivo povezanosti između odgovarajućih INSPIRE izvora (metapodataka skupova i usluga, GetCapabilities dokumenata, slojeva usluge pregleda, podataka usluge preuzimanja)
 - temelje se na zahtjevima iz INSPIRE tehničkih smjernica

Aspekti interoperabilnosti skupova/nizova podataka

1. Metapodaci su potpuni
2. Mrežna usluga se može kontaktirati
3. Dostupan je odgovarajući sloj u usluzi pregleda
4. Dostupna je pregledna slika
5. Dostupan je odgovarajući podatak u usluzi preuzimanja
6. Dostupna je poveznica na preuzimanje podataka
7. Dostupan je NSPIRE prostorni objekt

Metapodaci su potpuni

- Provjerava potpunost i usklađenost metapodataka izvora

Adresa izvora <http://rgi.dgu.hr>

Adresa izvora <http://rgi.dgu.hr/geoserver/gn/wfs?service=WFS&request=GetCapabilities&version=2.0.0>

Adresa izvora <http://rgi.dgu.hr/geoserver/wmsgn/wms?SERVICE=WMS&REQUEST=GetCapabilities>

JEDINSTVENA OZNAKA IZVORA

Jedinstvena oznaka izvora: kod 0007

Jedinstvena oznaka izvora: prostor
koda hr:nipp:pp

Jedinstvena oznaka izvora: verzija 1.0

Uparen izvor Registar geografskih imena

Uuid metapodataka 15d3a804-b5d0-4ed3-8276-310937776172

Link href <http://geoportal.nipp.hr/geonetwork/srv/en/csw?service=CSW&b5d0-4ed3-8276-31093777617>

Mrežna usluga se može kontaktirati

- Provjerava spajanje na mrežnu uslugu preko elementa adresa izvora iz metapodataka usluge
 - GetCapabilities dokument usluge dostupan
 - Vrijeme odaziva manje od 10 s
 - Odgovarajuća implementacija mrežne usluge (OGC WFS 2.0.0 ili Atom, OGC WMS 1.1.0 ili WMS 1.3)

Resource Locator	
http://mapiranje.hakom.hr/GSPO_WMS?SERVICE=WMS&REQUEST=GetCapabilities	PERFORMANCE
Protocol ISO 19128 (OGC WMS 1.3.0)	Initial response (seconds) 0.091
	Transmission time (seconds) 0.002
	Bytes transferred 8,996
	Average MBytes/sec 4.290
	Average Spatial Objects/sec
	Average Spatial Object Descriptions/sec

[Get View Service Metadata Response parameters](#)

Temporal Reference	
Temporal extent - 2010-01-01T00:00:00 -> 2016-01-30T00:00:00	
Date of creation: 2010-01-01	

Coordinate Reference System	
Geographic Bounding Box	

Resource Locator	
https://servisi.voda.hr/poplave_opasnosti/wms?SERVICE=WMS&REQUEST=GetCapabilities	PERFORMANCE
Protocol ISO 19128 (OGC WMS 1.3.0)	Initial response (seconds) 0.078
	Transmission time (seconds) 0.002
	Bytes transferred 16,626
	Average MBytes/sec 7.928
	Average Spatial Objects/sec
	Average Spatial Object Descriptions/sec

[Get View Service Metadata Response parameters](#)

Dostupan je odgovarajući sloj u usluzi pregleda


- Analizira slojeve u usluzi pregleda
- Traži poveznicu na MD skupa (Metadata URL)
- Kod definiran u GetCapabilities = Kod definiran u MD zapisu (MetadatURL)

```
--<Layer queryable="1" opaque="0">  
  <Name>TN.RoadTransportNetwork.RoadLink</Name>  
  <Title>TN.RoadTransportNetwork.RoadLink</Title>
```

```
  ...  
  --<AuthorityURL name="hr:nipp:pp">  
    <OnlineResource xlink:type="simple" xlink:href="http://geoportal.nipp.hr"/>  
  </AuthorityURL>  
  <Identifier authority="hr:nipp:pp">0126</Identifier>
```

```
--<MetadataURL type="TC211">  
  <Format>text/plain</Format>  
  <OnlineResource xlink:type="simple" xlink:href="http://geoportal.nipp.hr/geonetwork/">  
</MetadataURL>
```

} Poveznica na
metapodatke skupa/niza



```
--<gmd:code>  
  <gco:CharacterString>0126</gco:CharacterString>  
</gmd:code>  
--<gmd:codeSpace>  
  <gco:CharacterString>hr:nipp:pp</gco:CharacterString>  
</gmd:codeSpace>
```

Add to Map

Odaberite jezik
Položite Google Prevoditelj

(HR) - Mreža autocesta Hrvatskih autocesta - WMS



New Service

Response Language: English (English) | Suggested Languages: (English)

Responsible Party: Author: Hrvatske autoceste d.o.o. | E-mail: ivana.miklosic@hac.hr

Metadata Language: Croatian | Metadata Date: 2018-05-30

Metadata Point Of Contact: Hrvatske autoceste d.o.o. | E-mail: ivana.miklosic@hac.hr

Conditions Applying To Access And Use: Nema uvjeta | Limitations On Public Access: Bez ograničenja

Classification Of Spatial Data Services: Map access service (infoMapAccessService)

Spatial Data Service Type: View Service

Resource Title: Mreža autocesta Hrvatskih autocesta - WMS

Resource Abstract: Mreža autocesta Hrvatskih autocesta sadrži podatke o geometriji osi autocesta pod upravljanjem Hrvatskih autocesta d.o.o. sukladno Pravilniku o sadržaju, ustroju i načinu vođenja baze podataka o javnim cestama i objektima na njima.

Conformity: Specification: Zakon o cestama, Date of publication: 2011-07-20 | Degree: Conformant | Specification: Pravilnik o sadržaju, ustroju i načinu vođenja baze podataka o javnim cestama i objektima na njima, Date of publication: 2015-03-22 | Degree: Conformant | Specification: INSPIRE Implementing rules, Date of publication: 2018-04-20

Coordinate Reference System Identifier

Layers

Resource Title	Bounding Box
TN.RoadTransportNetwork.RoadLink	West 15.026024629888083 North 46.42998613227564 East 19.187629628185633

Odaberite jezik
Položite Google Prevoditelj

Average degree of conformity of INSPIRE
Metadata: 90.00%

(HR) - TN.RoadTransportNetwork.RoadLink

What's this? | What's this?



Layer

Get View Service Metadata Response parameters

Metadata Language: Croatian | Metadata Date: | Metadata Point Of Contact: | Conditions Applying To Access And Use: | Limitations On Public Access: | Responsible Party: |

Name: TN.RoadTransportNetwork.RoadLink | Resource Title: TN.RoadTransportNetwork.RoadLink

Keyword: KML

INSPIRE WMS Baze cestovnih podataka - TN.RoadTransportNetwork.RoadLink | Format image/png

PERFORMANCE	
Initial response (seconds)	0.252
Transmission time (seconds)	0.653
Bytes transferred	93,521
Average MBytes/sec	0.137
Average Spatial Objects/sec	
Average Spatial Object Descriptions/sec	

Resource Abstract: Mreža autocesta Hrvatskih autocesta sadrži podatke o geometriji osi autocesta pod upravljanjem Hrvatskih autocesta d.o.o. sukladno Pravilniku o sadržaju, ustroju i načinu vođenja baze podataka o javnim cestama i objektima na njima.

Unique Resource Identifier: Code: 0126, Namespace: hr:nipp:pp

Related resources: Spatial Data Set: 1 - Baza cestovnih podataka Hrvatskih autocesta

Styles: RoadLink Default Style (TN.RoadTransportNetwork.RoadLink.Default)

Legend URL: TN.RoadTransportNetwork.RoadLink.Default


Geographic Bounding Box

West	North	East
15.026024629888083	46.42998613227564	19.187629628185633

Dostupna je pregledna slika

- Provjerava da li postoji pregledna slika izvora podataka
- GetMap upit je uspješan i vraća sliku objekata

Odaberite jezik
Pokušajte Google Prevođitelj

 (HR) - TN.RoadTransportNetwork.RoadLink

Layer

[Get View Service Metadata Response parameters](#)

Metadata Language	Metadata Date	Metadata Point Of Contact	Conditions Applying To Access And Use	Limitations On Public Access
Croatian				
Responsible Party				

Name

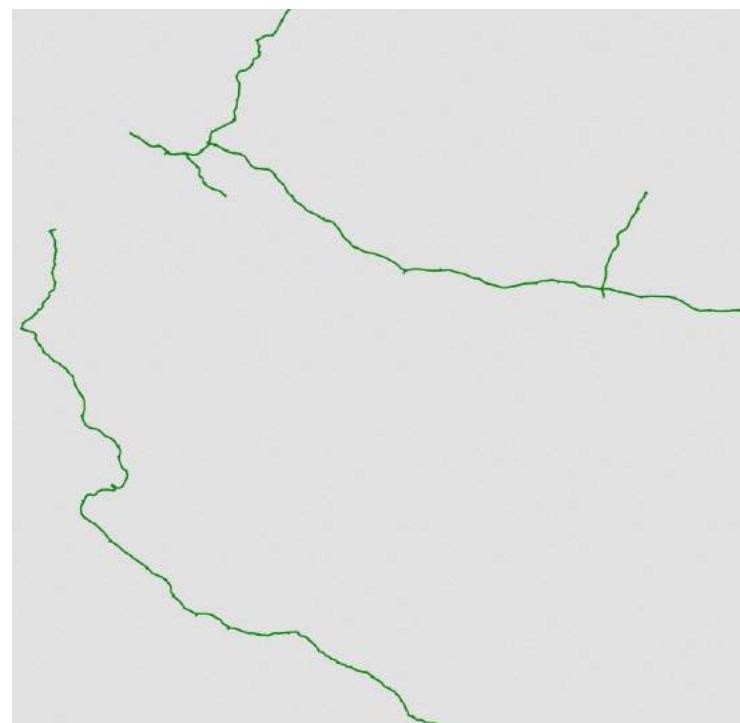
TN.RoadTransportNetwork.RoadLink
KML

INSPIRE WMS Baze cestovnih podataka - TN.RoadTransportNetwork.RoadLink

format: image/png

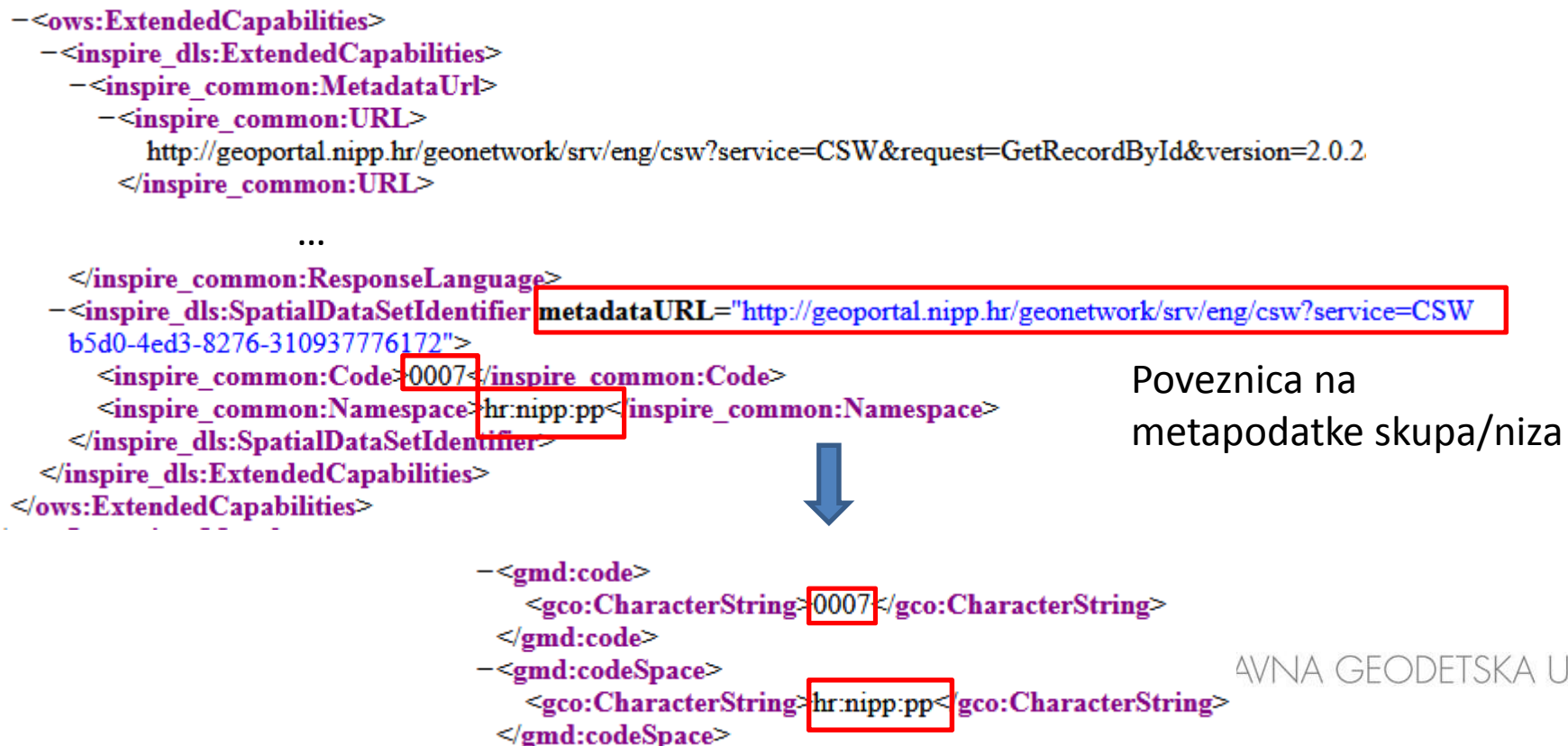
Resource Title	Keyword
TN.RoadTransportNetwork.RoadLink	

PERFORMANCE	
Initial response (seconds)	0.259
Transmission time (seconds)	0.324
Bytes transferred	93,521
Average MBytes/sec	0.275
Average Spatial Objects/sec	
Average Spatial Object Descriptions/sec	



Dostupan je odgovarajući podatak u usluzi preuzimanja

- Analizira sadržaj dostupan u usluzi preuzimanja
- Traži poveznicu na MD skupa (Metadata URL)
- Kod i prostor koda iz Ex. Cap. = Kod i prostor koda u MD skupa



Add to Map

Odaberite jezik
Položite Google Prevođitelj



(HR) - Registar geografskih imena - WFS INSPIRE



What's this?



What's this?



Download Service

Response Language Supported Languages
English (English)

Responsible Party
Originator: Državna geodetska uprava
E-mail: ljerkica.marić@dgu.hr

Metadata Language Metadata Date
Croatian 2018-11-06

Metadata Point Of Contact
Državna geodetska uprava
E-mail: renata.ogorelec@dgu.hr

Conditions Applying To Access And Use
Pristupom mrežnoj stranici Registra geografskih imena Republike Hrvatske i objavljenim podacima i uslugama, korisnik prihvaća uvjete njihova korištenja koji su navedeni na mrežnoj stranici: http://cgn.dgu.hr/UvjetiKoristenja_RGI.pdf (http://cgn.dgu.hr/TermsOfUse_CGN.pdf).

Limitations On Public Access
nemaz ograničenja

Resource Title
Registar geografskih imena - WFS INSPIRE

Classification Of Spatial Data Services
Gazetteer service (InfoGazetteerService)

Spatial Data Service Type
Download Service

Resource Abstract
Registar geografskih imena sadrži geografska imena na teritoriju Republike Hrvatske sa službenih karata i drugih službenih izvornika. Registar sadrži imena županija, gradova/općina, naselja, UNESCO kulturne baštine Republike Hrvatske, zračnih luka, nacionalnih parkova, parkova prirode i ostalih zaštićenih prirodnih objekata, listova novih topografskih karata, imena iz EuroGlobalMap v.3.0. i dr. Također se nastojalo uvesti imena svih otoka, rijeka, jezera, planina, vrhova i ostalih dominantnih geografskih objekata sukladno mjerilu. Podaci o položaju su dani u HTRS96/TM referentnom sustavu. Korišteno je UTF8 kodiranje znakova. Usluga preuzimanja bazira se na podacima koji su usklađeni s INSPIRE modelom podataka.

Conformity
Specification: COMMISSION REGULATION (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services, Date of publication: 2010-12-08
Degree: Conformant
Specification: Commission Regulation (EC) No 976/2009 of 19 October 2009 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards the Network Services, Date of publication: 2009-10-20

Coordinate Reference System Identifier

Spatial Object Type

SpatialObjectTypeName	SpatialObjectTypeNamespace
NamedPlace	http://inspire.ec.europa.eu/schemas/gn/4.0

Spatial Data Sets Metadata

Data Set	Resource Title	Resource Abstract	Unique Resource Identifier
1	Registar geografskih imena	Registar geografskih imena sadrži geografska imena na teritoriju Republike Hrvatske sa službenih karata i drugih službenih izvornika. Registar sadrži imena županija, gradova/općina, naselja, UNESCO kulturne baštine Republike Hrvatske, zračnih luka, nacionalnih parkova, parkova prirode i ostalih zaštićenih prirodnih objekata, listova novih topografskih karata, imena iz EuroGlobalMap v.3.0. i dr. Također se nastojalo uvesti imena svih otoka, rijeka, jezera, planina, vrhova i ostalih dominantnih geografskih objekata sukladno	Code: 0007, Namespace: hr:nipp:pp

Add to Map

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(HR) - Registar geografskih imena

Average degree of interoperability of INSPIRE Resources: 83.33%

What's this? What's this?



Download Service - Spatial data set

Get Download Service Metadata response

Metadata Language Metadata Date
Croatian 2018-11-06

Metadata Point Of Contact
Državna geodetska uprava
E-mail: renata.ogorelec@dgu.hr

Responsible Party
Originator: Državna geodetska uprava
E-mail: ljerkica.marić@dgu.hr

Conditions Applying To Access And Use
Pristupom web stranici Registra geografskih imena Republike Hrvatske i objavljenim podacima i servisima, korisnik prihvaća uvjete njihova korištenja koji su navedeni na url stranici: http://rgi.dgu.hr/UvjetiKoristenja_RGI.pdf (http://rgi.dgu.hr/TermsOfUse_CGN.pdf).

Limitations On Public Access
bez ograničenja

Spatial Object Type

SpatialObjectTypeName	SpatialObjectTypeNamespace
NamedPlace	http://inspire.ec.europa.eu/schemas/gn/4.0

Get Spatial Data Set	Coordinate Reference System	Geographic Bounding Box
<p>PERFORMANCE</p> <p>Initial response (seconds): 0.098</p> <p>Transmission time (seconds): 0.002</p> <p>Bytes transferred: 13,376</p> <p>Average MBytes/sec: 6.378</p> <p>Geo Spatial Data Set</p> <p>Average Spatial Objects/sec: 5,000.000</p> <p>Average Spatial Object Descriptions/sec</p> <p>The Content-Type response header value violates RFC 822: text/html,</p>	<p>Code: http://www.opengis.net/dsif/epsg/0/3765</p> <p>Namespace: hr:nipp:crs</p>	<p>North 46.536</p> <p>West 13.503</p> <p>South 42.41</p>

Resource Locator

<http://rgi.dgu.hr>

<http://rgi.dgu.hr/geoserver/gn/wfs?service=WFS&request=GetCapabilities&version=2.0.0>

<http://rgi.dgu.hr/geoserver/wmsng/wms?SERVICE=WMS&REQUEST=GetCapabilities>

Related resources

Spatial Data Set

1 - Registar geografskih imena (Državna geodetska uprava)Registar geografskih imena

Dostupna je poveznica na preuzimanje podataka

- Provjerava predefinirani upit (Stored Query) u usluzi preuzimanja
- GetFeature upit je uspješan i vraća GML podatka

INSPIRE - Interoperability for Spatial Information

Average degree of interoperability of INSPIRE Resources: 83.33%

(HR) - Registar geografskih imena

Download Service - Spatial data set

Metadata Language	Metadata Date
Croatian	2018-11-06

Conditions Applying To Access And Use

Prístupom web stranici Registra geografskih imena Republike Hrvatske i objavljenim podacima i servisima, korisnik prihvata uvjete njihova korištenja koji su navedeni na url stranici http://rgi.dgu.hr/UvjjetiKorisenja_RGI.pdf (http://rgi.dgu.hr/TermsOfUse_CGN.pdf).

Limitations On Public Access
bez ograničenja

SpatialObjectTypeName	SpatialObjectTypeNamespace
NamedPlace	http://inspire.ec.europa.eu/schemas/gn/4.0

Get Spatial Data Set	Coordinate Reference System	Geographic Bounding Box
PERFORMANCE Initial response (seconds) 0.098 Transmission time (seconds) 0.002 Bytes transferred 13,376 Average MBytes/sec 6.378 Average Spatial Objects/sec 5,000.000 Average Spatial Object Descriptions/sec • The Content-Type response header value violates RFC 822: text/xml;	Code: http://www.opengis.net/def/crs/EPSG/0/3765 , NameSpace: hr:nipp.crs	North 46.536 West 13.505 South 42.41



```
<wfs:FeatureCollection numberMatched="unknown" numberReturned="10" timeStamp="2018-12-06T12:00:16.252Z" xsi:schemaLocation="http://www.opengis.net/gml/3.2 http://schemas.opengis.net/gml/3.2.1/gml.xsd">
  <wfs:member>
    <gn:NamedPlace gml:id="nippimenovanomjesto.1">
      <gml:boundedBy>
        <gml:Envelope srsName="http://www.opengis.net/gml/srs/epsg.xml#3765">
          <gml:lowerCorner>396442.48 4859504.35</gml:lowerCorner>
          <gml:upperCorner>396442.48 4859504.35</gml:upperCorner>
        </gml:Envelope>
      </gml:boundedBy>
      <gn:beginLifespanVersion xsi:nil="true" nilReason="other:unpopulated"/>
      <gn:geometry>
        <gml:Point gml:id="point.nippimenovanomjesto.1" srsName="http://www.opengis.net/gml/srs/epsg.xml#3765">
          <gml:pos>396442.48 4859504.35</gml:pos>
        </gml:Point>
      </gn:geometry>
      <gn:inspireId>
        <null:Identifier>
          <null:localId>HRRGIG100131806</null:localId>
          <null:nameSpace>HR.CGI.GN</null:nameSpace>
        </null:Identifier>
      </gn:inspireId>
      <gn:localType>
        <null:LocalisedCharacterString locale="hr-HR">otočić (školj,škoj, školjić,škojić)</null:LocalisedCharacterString>
      </gn:localType>
      <gn:name>
        <gn:GeographicalName>
          <gn:language>hr</gn:language>
          <gn:nativeness xsi:nil="true" nilReason="other:unknown"/>
          <gn:nameStatus xlink:href="http://inspire.ec.europa.eu/codelist/NameStatusValue/standardised"/>
          <gn:sourceOfName xsi:nil="true" nilReason="unpopulated"/>
          <gn:pronunciation xsi:nil="true" nilReason="unpopulated"/>
          <gn:spelling>
            <gn:SpellingOfName>
              <gn:text>Otok Aba</gn:text>
              <gn:script>Latin</gn:script>
            </gn:SpellingOfName>
          </gn:spelling>
        </gn:GeographicalName>
      </gn:name>
      <gn:NamedPlace>
        <wfs:member>
        </wfs:member>
      </gn:NamedPlace gml:id="nippimenovanomjesto.2">
      <gml:boundedBy>
        <gml:Envelope srsName="http://www.opengis.net/gml/srs/epsg.xml#3765">
```


Dostupan je INSPIRE prostorni objekt

- Provjerava za skup podataka da li je dostupan INSPIRE prostorni objekt u preuzetim podacima kodiran kao INSPIRE GML (harmonizacija)

(HR) - Registar geografskih imena

Download Service - Spatial data set

Get Download Service Metadata response

Metadata Language	Metadata Date
Croatian	2018-11-06

Metadata Point Of Contact

Državna geodetska uprava
E-mail: remata.ogovcic@dgu.hr

Responsible Party

Originator: Državna geodetska uprava
E-mail: ijerka.maric@dgu.hr

Conditions Applying To Access And Use

Pristupom web stranici Registra geografskih imena Republike Hrvatske i objavljenim podacima i servisima, korisnik prihvata uvjete njihova korištenja koji su navedeni na url stranici http://rgi.dgu.hr/UsjetiKorištenja_RGI.pdf (http://rgi.dgu.hr/TermsOfUse_CGN.pdf).

Limitations On Public Access
bez ograničenja

SpatialObjectTypeName	SpatialObjectTypeNamespace
NamedPlace	http://inspire.ec.europa.eu/schemas/gn/4.0

Get Spatial Data Set	Coordinate Reference System	Geographic Bounding Box
PERFORMANCE Initial response (seconds) 0.098 Transmission time (seconds) 0.000 Bytes transferred 13,376 Average MBytes/sec 0.000 Get Spatial Data Set Average Spatial Objects/sec Infinity	Code: http://www.opengis.net/def/crs/EPSG/0/31765 , Namespace: hr:nipp:crs	North 46.536 West 13.505 East 19.425



```
<-wfs:FeatureCollection numberMatched="unknown" numberReturned="1" /schemas/gn/4.0/GeographicalNames.xsd http://www.opengis.net/gml/3.2
  <-wfs:member>
    <gn:NamedPlace gml:id="nippimenovanomjesto.1">
      <gn:beginLifespanVersion xsi:nil="true" nilReason="other:unpo
    <-gn:geometry>
      <-gml:Point gml:id="point.nippimenovanomjesto.1" srsName="
        <gml:pos>396442.48 4859504.35</gml:pos>
      </gml:Point>
    </gn:geometry>
    <-gn:inspireId>
      <-null:Identifier>
        <null:localId>HRRGIGI00131806 </null:localId>
        <null:namespace>HR.CGI.GN</null:namespace>
      </null:Identifier>
    </gn:inspireId>
    <-gn:localType>
      <null:LocalisedCharacterString locale="hr-HR">otočić (školj
    </gn:localType>
  </gn:NamedPlace>
</wfs:member>
```

Zaključak

- Za postizanje interoperabilnosti na INSPIRE geoportalu:
 - Potpuni i validni metapodatkovni zapisi skupova/nizova i usluga
 - Uspješno kontaktirane mrežne usluge
 - Identificirani sloj usluge pregleda koji se odnosi na skup/niz podataka
 - Dostupna pregledna slika skupa/niza
 - Identificirana usluga preuzimanja koja se odnosi na skup/niz podataka
 - Dostupna poveznica na preuzimanje podataka
 - Dostupan INSPIRE objekt u preuzetim podacima (harmonizirani podaci)

Hvala na pažnji!
Pitanja?