

OGC Geoprostorni Web servisi

Predmet: Geografski informacioni sistemi


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Sadržaj

1. Layer-i na GeoServer-u
2. SQL upiti za kreiranje tabela
3. Prikaz layer-a na mapi

1. Layer-i na GeoServer-u

 **GeoServer**

Logged in as admin. [Logout](#) en

About & Status

- Server Status
- GeoServer Logs
- Contact Information
- About GeoServer

Data

- Layer Preview
- Workspaces
- Stores
- Layers
- Layer Groups
- Styles

Services

- WMTS
- WCS
- WFS
- WMS

Settings

- Global
- Image Processing
- Raster Access











Tile Caching

- Tile Layers

Layer Preview

List of all layers configured in GeoServer and provides previews in various formats for each.

<< < 1 > >> Results 1 to 10 (out of 10 matches from 37 items) [Clear](#)

Type	Title	Name	Common Formats	All Formats
	buildings	nis:buildings	OpenLayers GML KML	<input type="text" value="Select one"/>
	faculty	nis:faculty	OpenLayers GML KML	<input type="text" value="Select one"/>
	planet_osm_line	nis:planet_osm_line	OpenLayers GML KML	<input type="text" value="Select one"/>
	planet_osm_point	nis:planet_osm_point	OpenLayers GML KML	<input type="text" value="Select one"/>
	planet_osm_polygon	nis:planet_osm_polygon	OpenLayers GML KML	<input type="text" value="Select one"/>
	planet_osm_roads	nis:planet_osm_roads	OpenLayers GML KML	<input type="text" value="Select one"/>
	railway	nis:railway	OpenLayers GML KML	<input type="text" value="Select one"/>
	rivers	nis:rivers	OpenLayers GML KML	<input type="text" value="Select one"/>
	roads	nis:roads	OpenLayers GML KML	<input type="text" value="Select one"/>
	schools	nis:schools	OpenLayers GML KML	<input type="text" value="Select one"/>

2. SQL upiti za kreiranje tabela

Tabela (layer) Roads

```
CREATE TABLE roads as

SELECT osm_id, highway, name, way

FROM planet_osm_line

WHERE highway IS NOT NULL
```

Tabela (layer) Faculty

```
CREATE TABLE faculty AS

SELECT osm_id, name, way

FROM planet_osm_polygon

WHERE amenity = 'university' OR
amenity = 'college' OR amenity =
'faculty'
```

Tabela (layer) Rivers

```
CREATE TABLE rivers as

SELECT osm_id, name, waterway, way

FROM planet_osm_line

WHERE (waterway = 'river' or waterway =
'stream') AND name IS NOT NULL
```

2. SQL upiti za kreiranje tabela

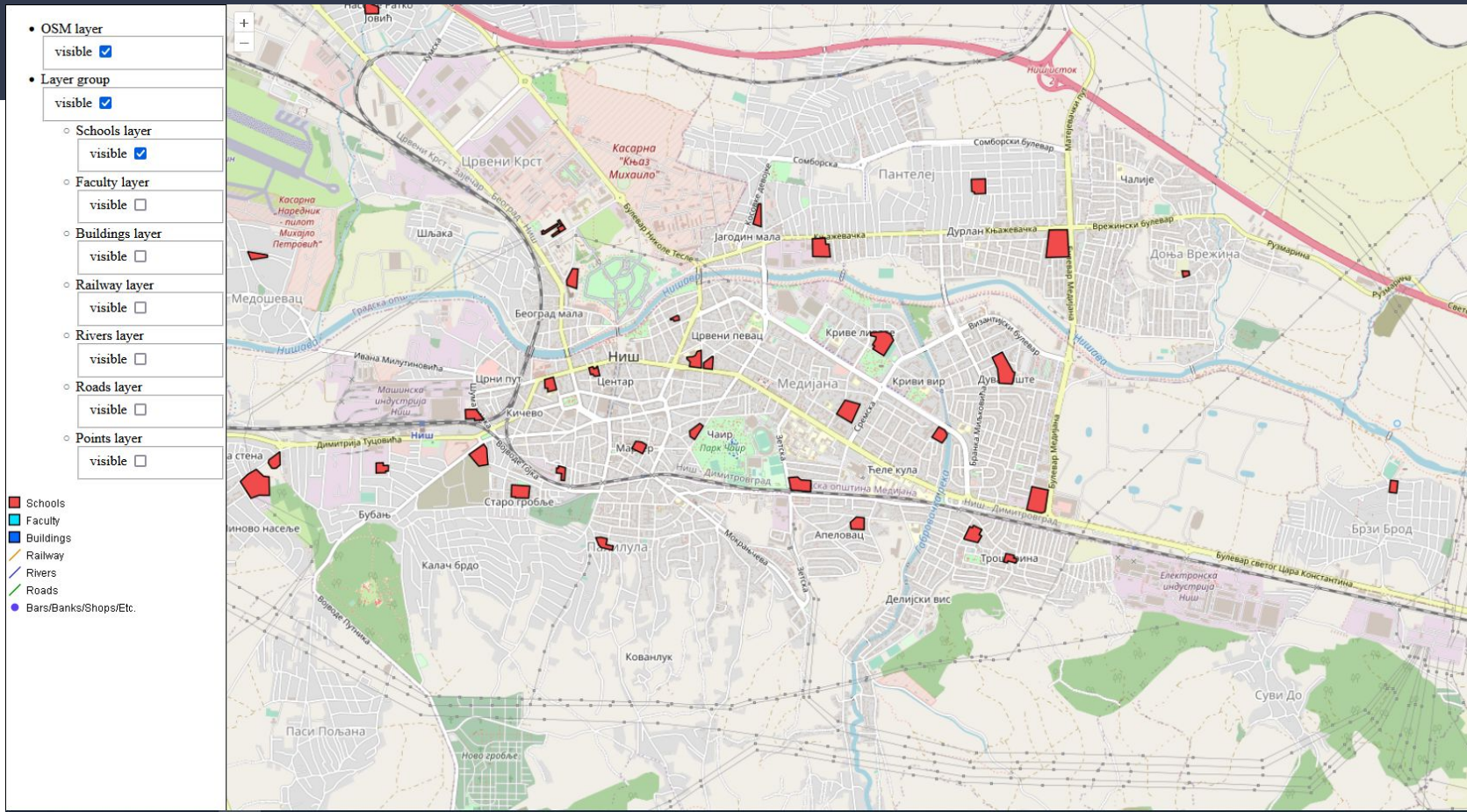
Tabela (layer) Railway

```
CREATE TABLE railway AS  
  
SELECT osm_id, railway, way  
  
FROM public.planet_osm_line  
  
WHERE railway IS NOT NULL
```

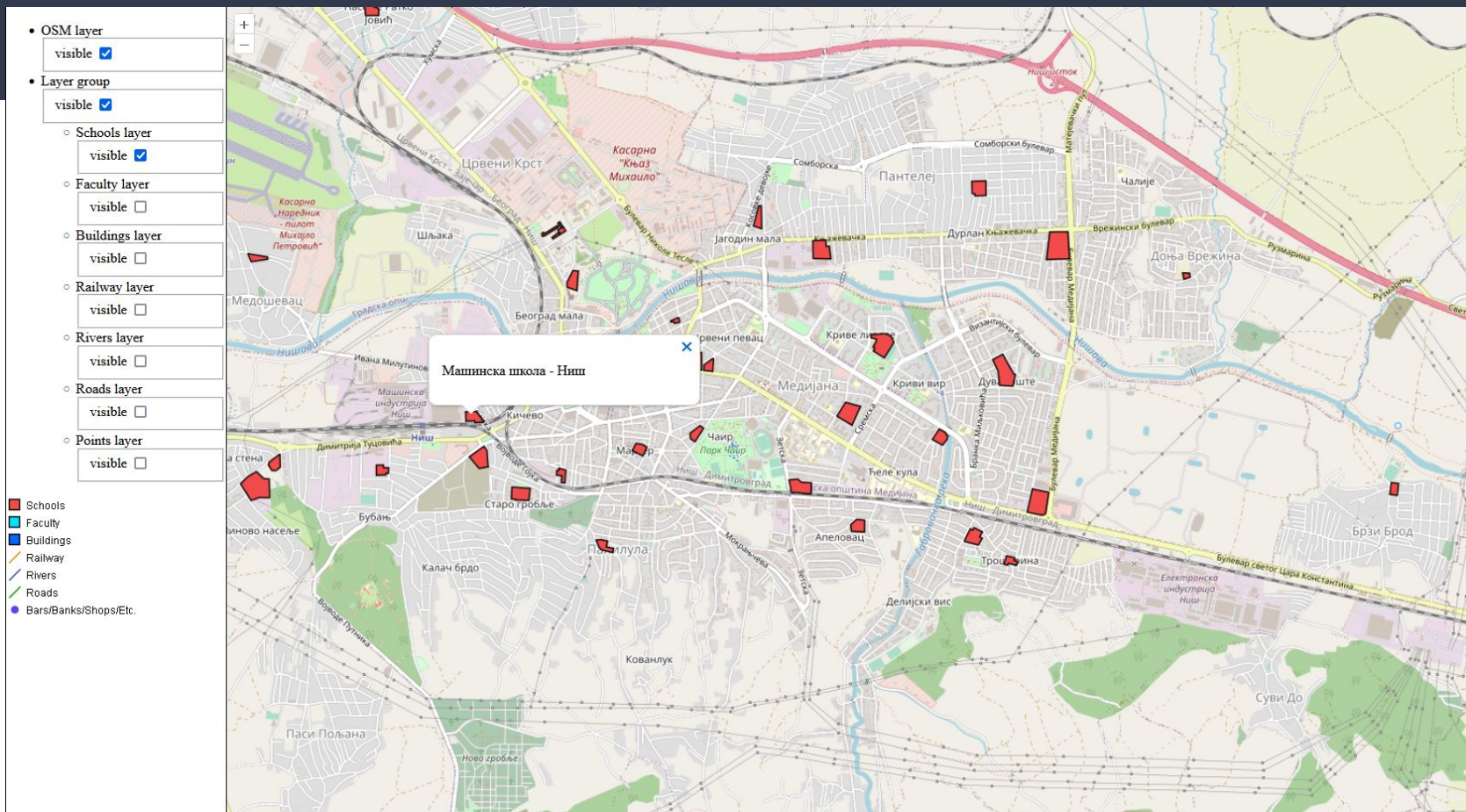
Tabela (layer) Points

```
CREATE TABLE points AS  
  
SELECT *  
  
FROM planet_osm_point  
  
WHERE amenity IS NOT NULL OR shop IS  
NOT NULL OR historic IS NOT NULL OR  
highway = 'bus_stop'
```

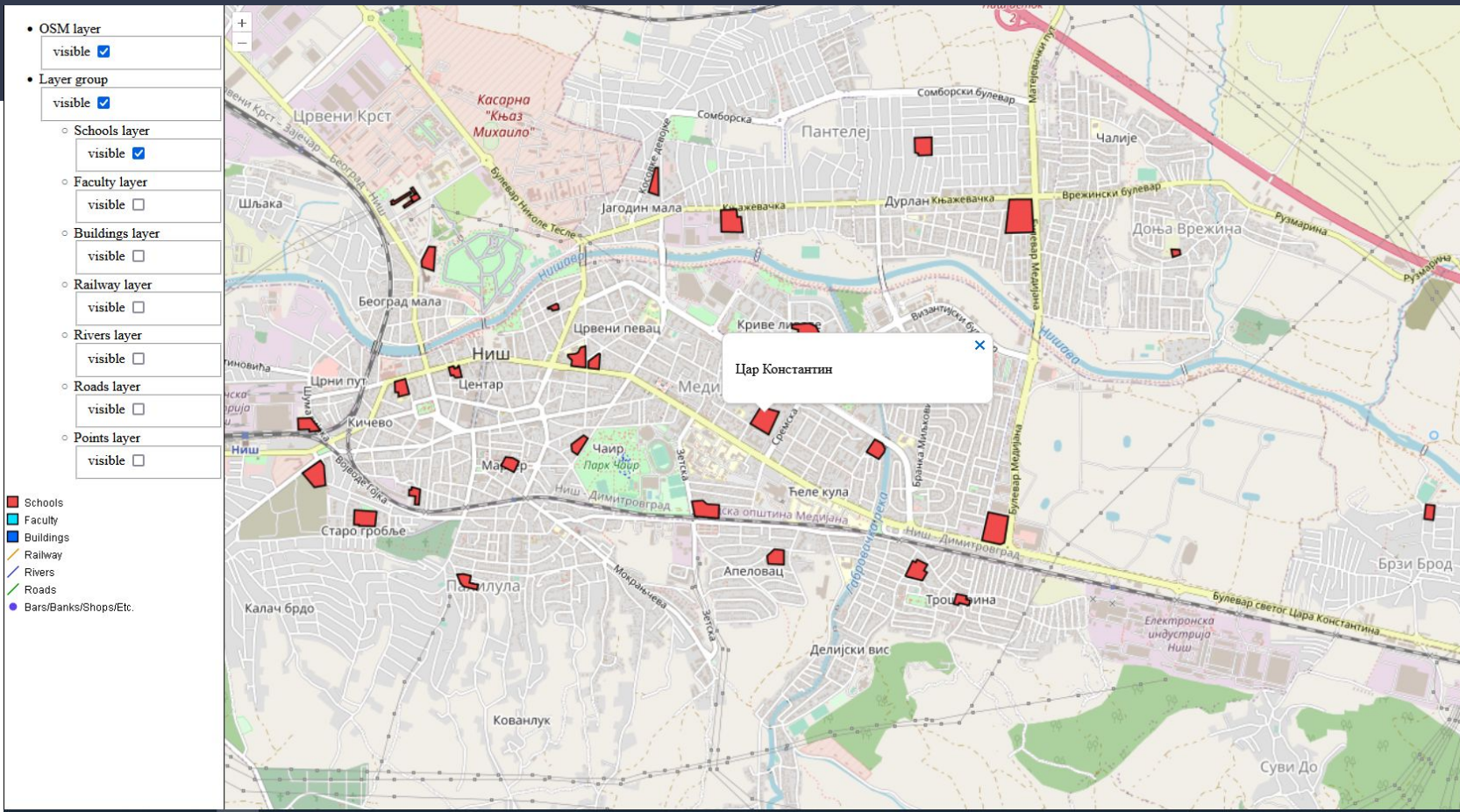
3. Prikaz layer-a na mapi (škole)



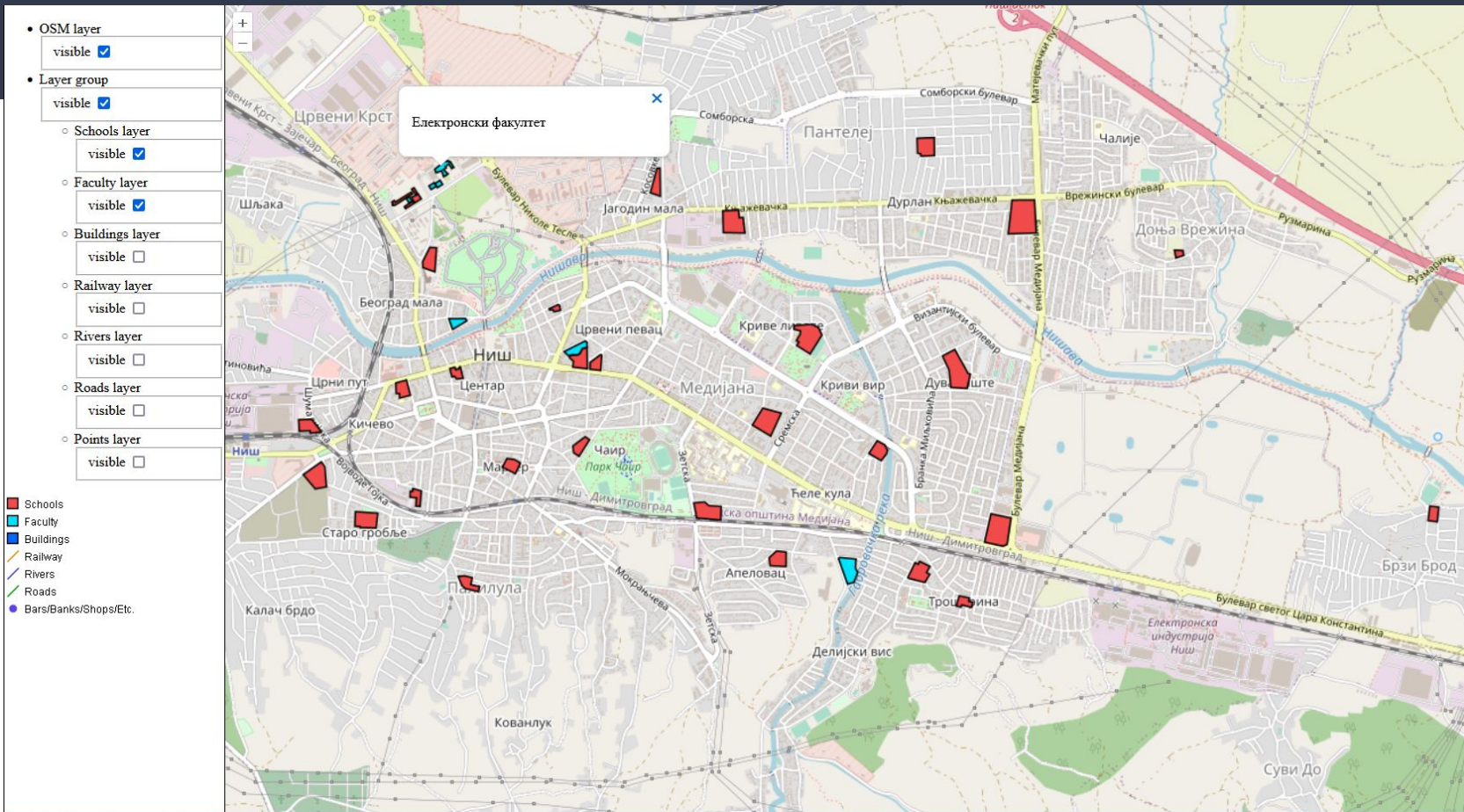
3. Prikaz layer-a na mapi (škole)



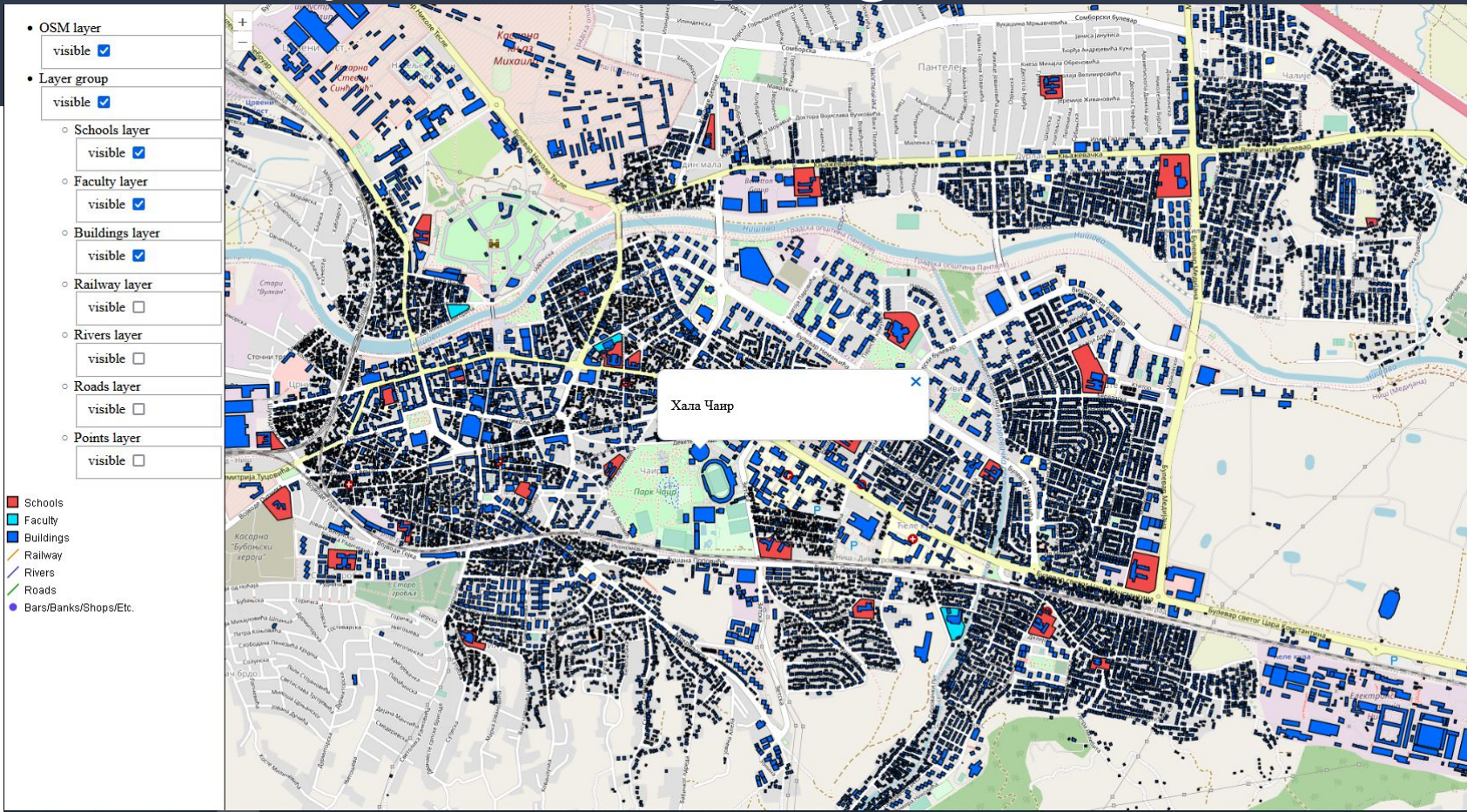
3. Prikaz layer-a na mapi (škole)



3. Prikaz layer-a na mapi (škole i fakulteti)



3. Prikaz layer-a na mapi (zgrade)



3. Prikaz layer-a na mapi (pruge)

• OSM layer

visible ☒

• Layer group

visible ☒

◦ Schools layer

visible ☐

◦ Faculty layer

visible ☐

◦ Buildings layer

visible ☐

◦ Railway layer

visible ☒

◦ Rivers layer

visible ☐

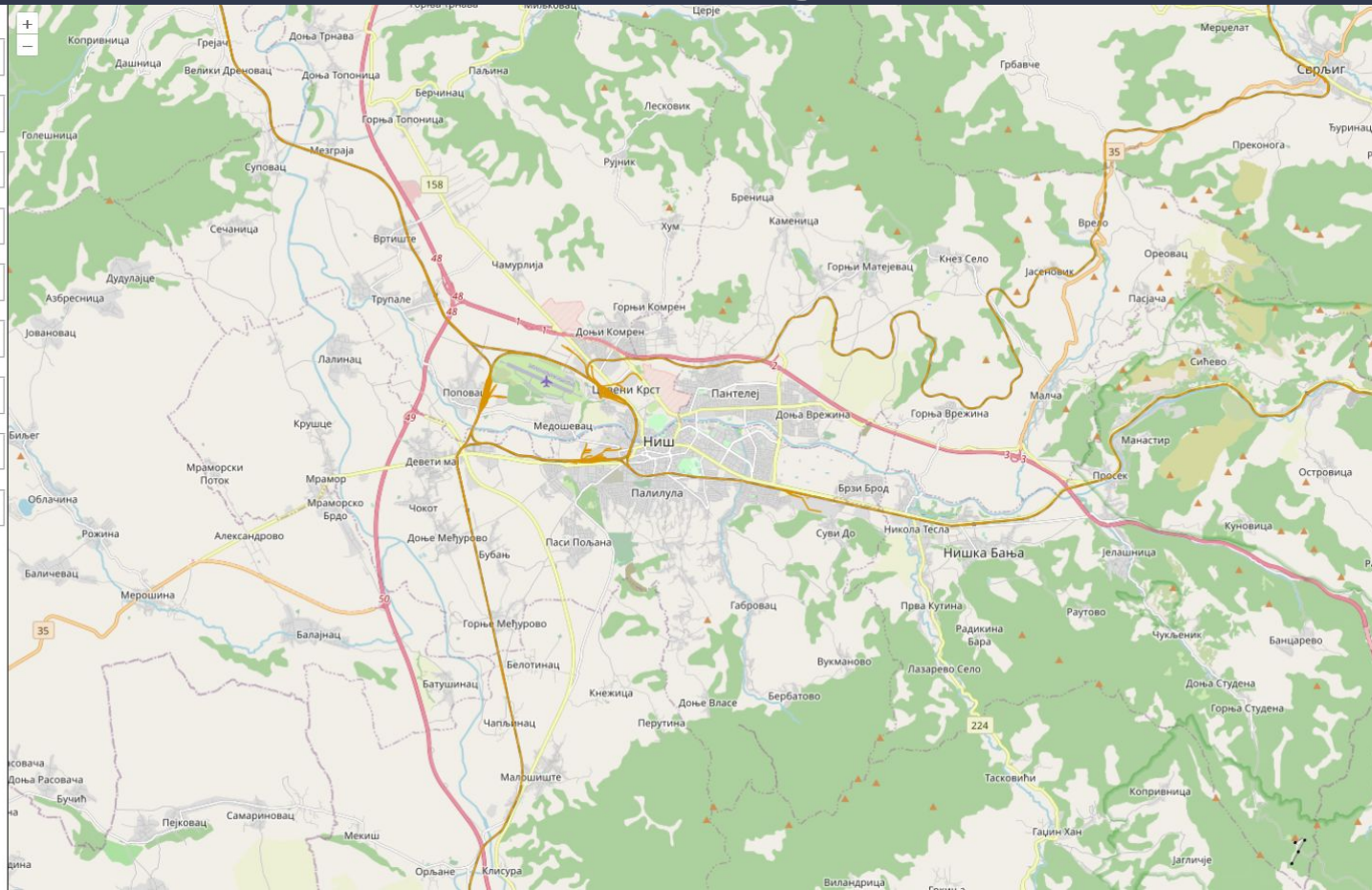
◦ Roads layer

visible ☐

◦ Points layer

visible ☐

- Schools
- Faculty
- Buildings
- Railway
- Rivers
- Roads
- Bars/Banks/Shops/Etc.



3. Prikaz layer-a na mapi (pruge i reke)

• OSM layer

visible ☒

• Layer group

visible ☒

○ Schools layer

visible ☐

○ Faculty layer

visible ☐

○ Buildings layer

visible ☐

○ Railway layer

visible ☒

○ Rivers layer

visible ☒

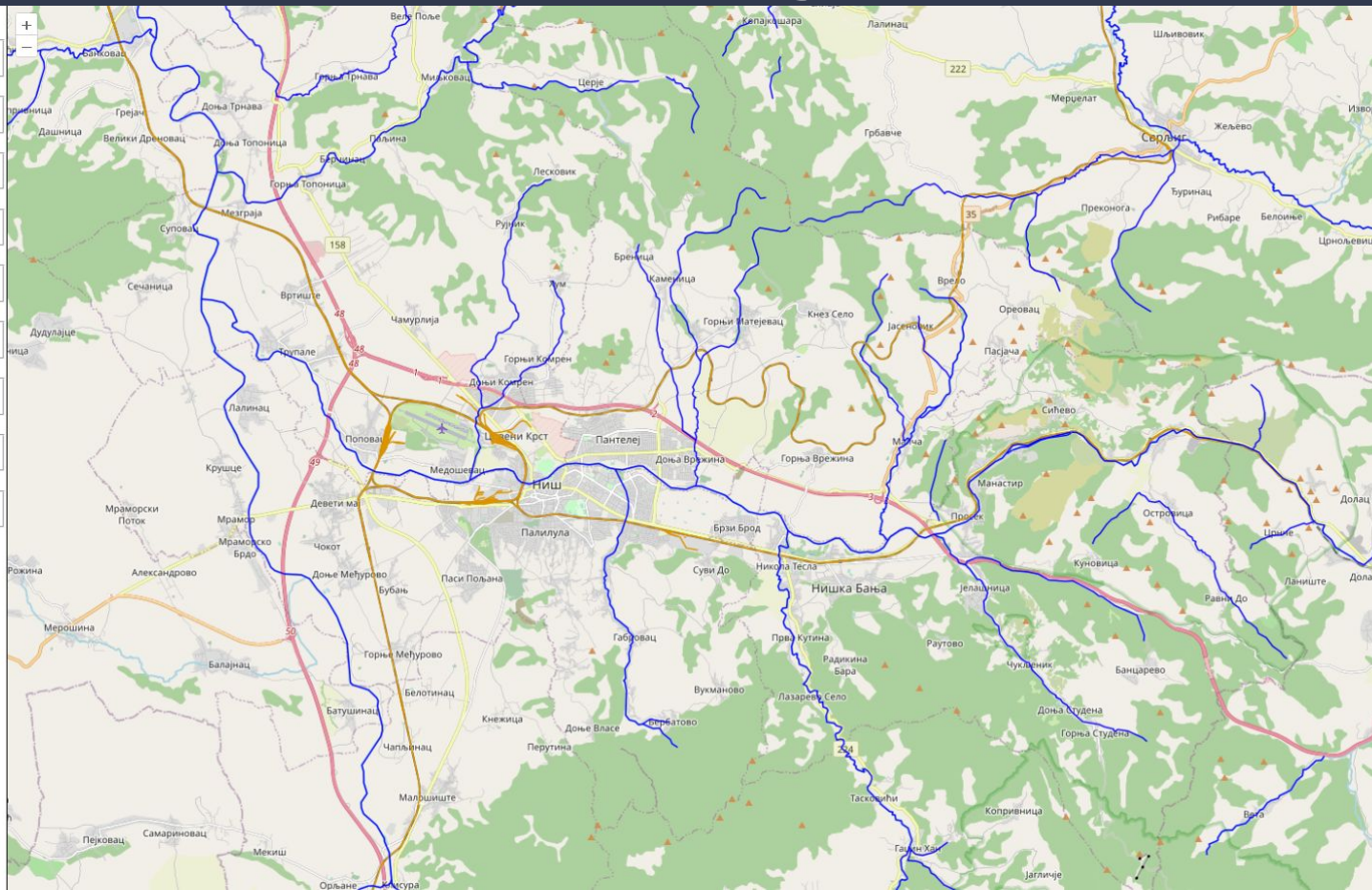
○ Roads layer

visible ☐

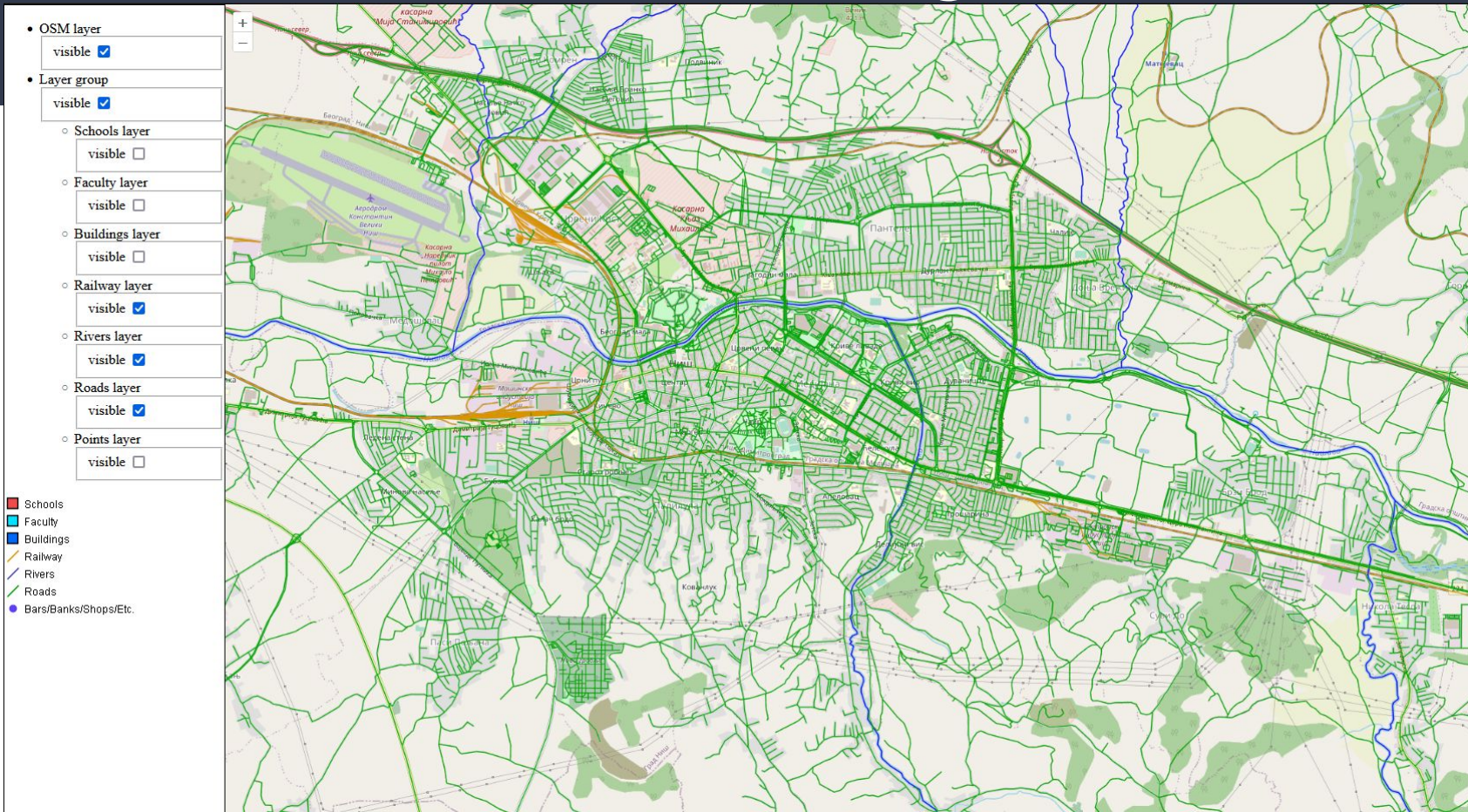
○ Points layer

visible ☐

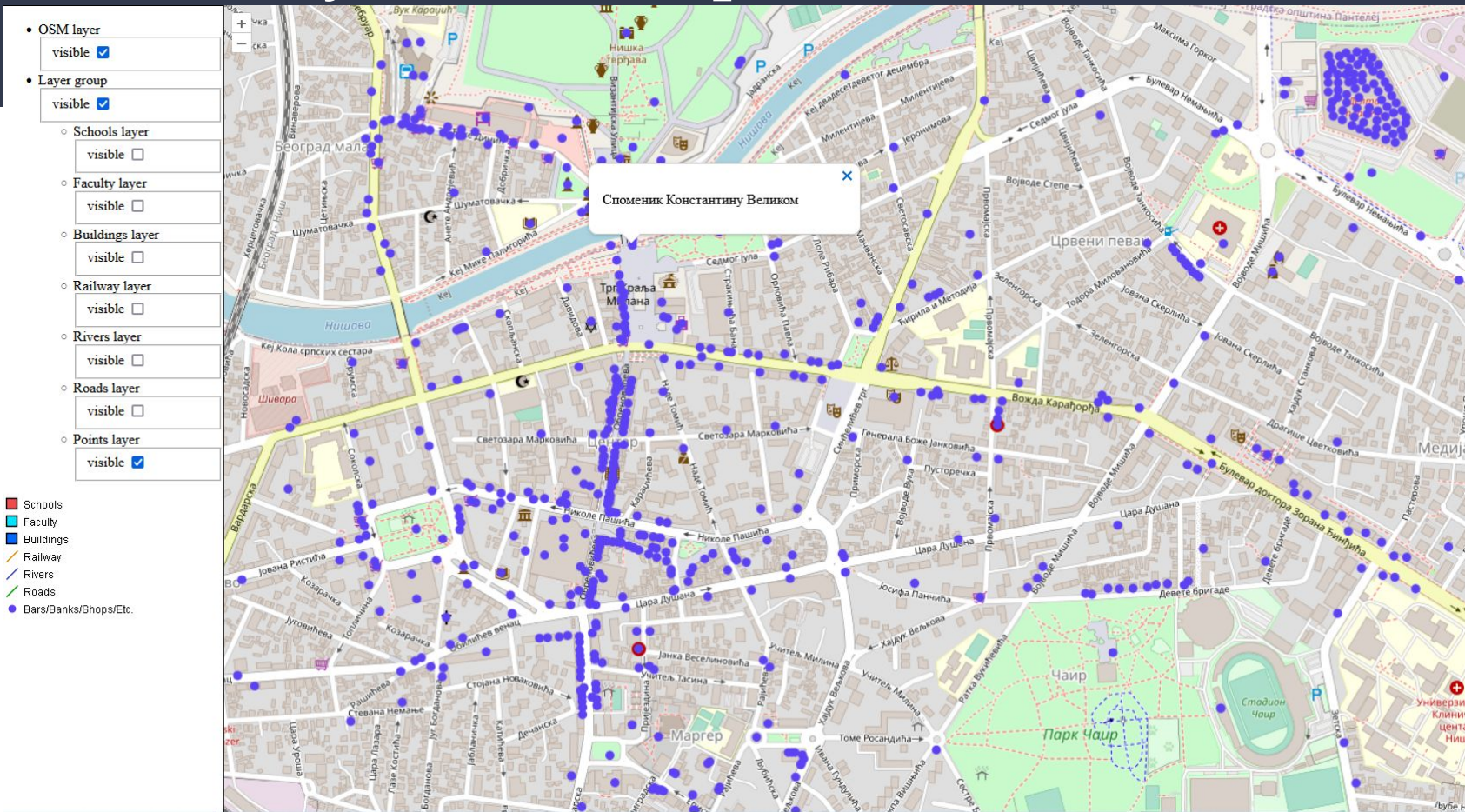
- Schools
- Faculty
- Buildings
- Railway
- Rivers
- Roads
- Bars/Banks/Shops/Etc.



3. Prikaz layer-a na mapi (pruge, reke i putevi)



3. Prikaz layer-a na mapi (tačke)



3. Prikaz layer-a na mapi (tačke)

- OSM layer

visible ☒

- Layer group

visible ☒

- Schools layer

visible ☐

- Faculty layer

visible ☐

- Buildings layer

visible ☐

- Railway layer

visible ☐

- Rivers layer

visible ☐

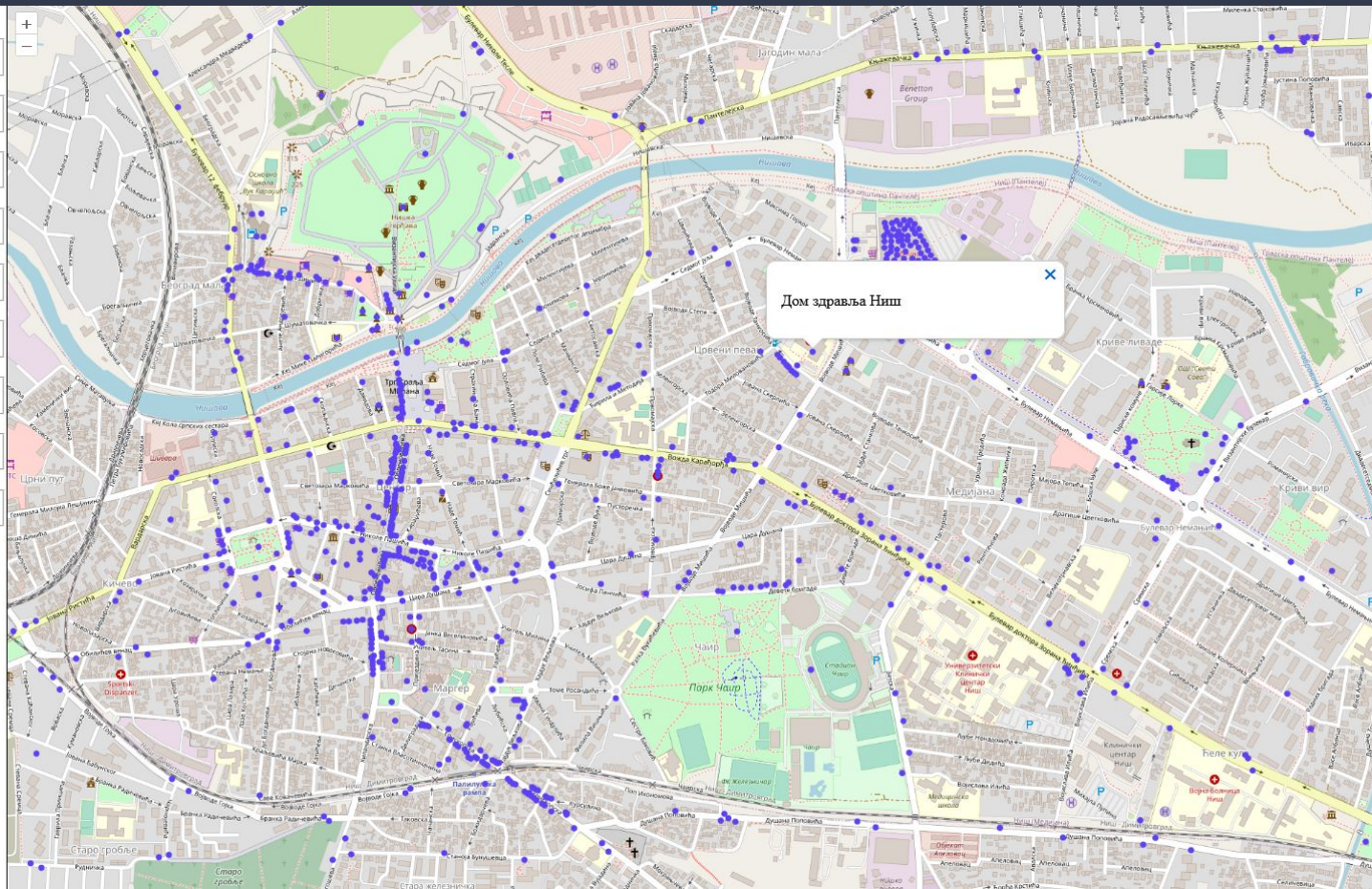
- Roads layer

visible ☐

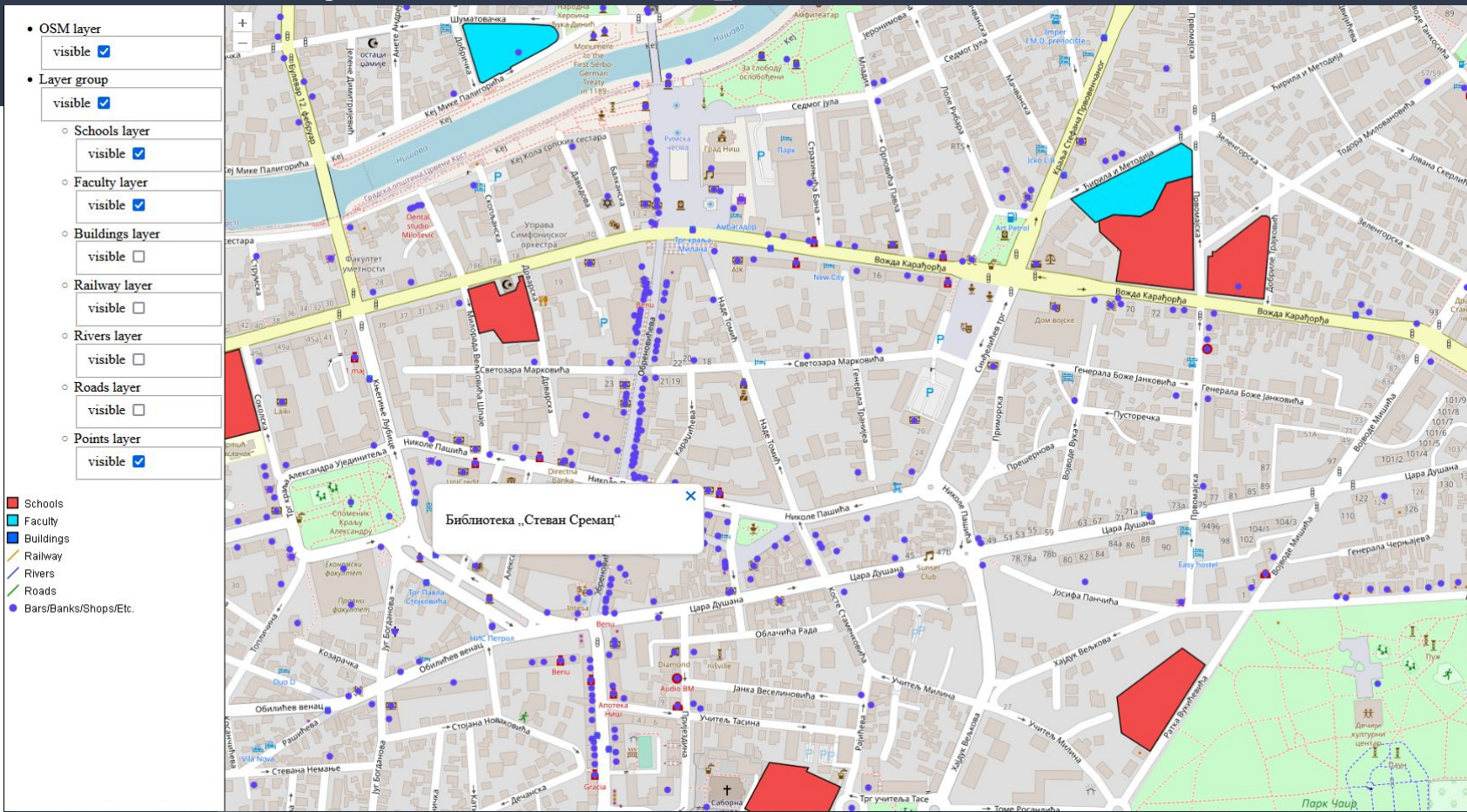
- Points layer

visible ☒

- Schools
- Faculty
- Buildings
- Railway
- Rivers
- Roads
- Bars/Banks/Shops/Etc.



3. Prikaz layer-a na mapi (tačke)



Hvala na pažnji