

Ovaj projekat finansira
Evropska unija



DRUŠTVENE MREŽE KAO IZVOR INFORMACIJA O KVALITETU VAZDUHA

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22. april 2021.



Za početak...

IZAZOVI

- ▶ Udahni duboko i zagrizi

Nije preporučljivo

Nije ukusno



Za početak...

SAM ĆU - MOGU JA...



DRUŠTVENE MREŽE - OSNOVNI POJMOVI

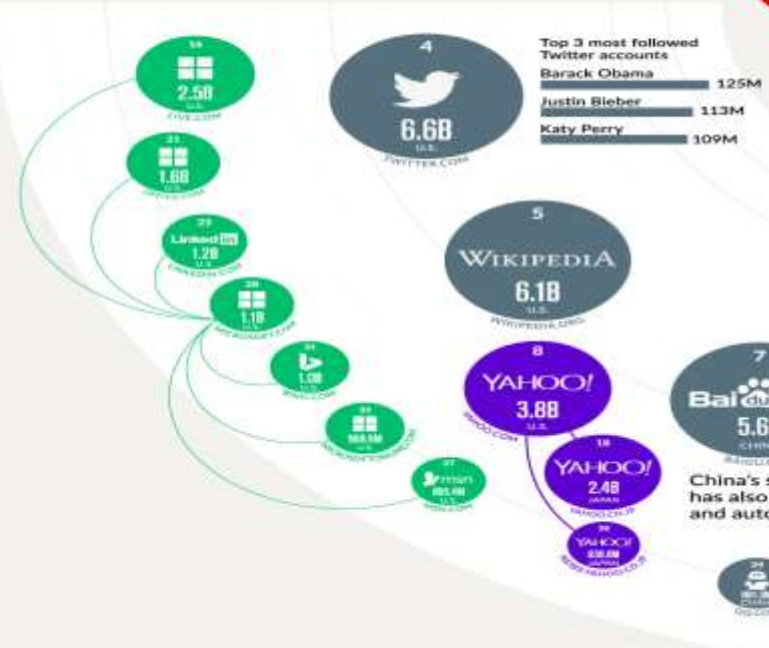
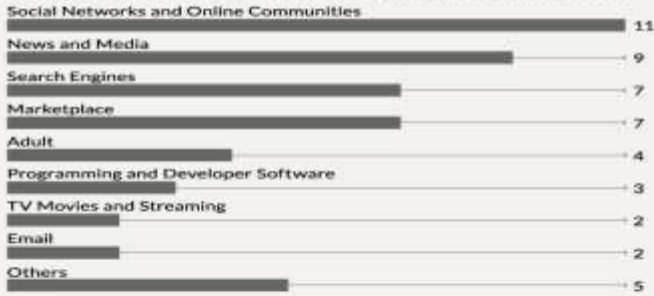
- ▶ Usluge društvenih mreža mogu pružiti pristupačan i moćan set alata za isticanje i delovanje na probleme i uzroke koji utiču i zanimaju mlade ljude.
- ▶ Usluge društvenih mreža mogu se koristiti za organizovanje aktivnosti, događaja ili grupa za izlaganje problema i mišljenja i osveštavanje šire publike o njima.
- ▶ Usluge društvenih mreža mogu se koristiti za organizovanje poslovnih aktivnosti i povećanju prodaje.

Društvene mreže

THE WORLD'S Top 50 Websites

Below, we show the key players—from Google to Twitter—that currently dominate the Internet.

BREAKDOWN BY CATEGORIES (GLOBAL, NOV 2020)



Društvene mreže

DRUŠTVENE MREŽE - KORISNICI



Društvene mreže

[HTTPS://INFLUENCERMARKETINGHUB.COM/SOCIAL-MEDIA-SITES/](https://influencermarketinghub.com/social-media-sites/)

- ▶ Preko 140
- ▶ +2 Parler
umesto Twittera i
Rumbl umesto
Youtube
- ▶ Novi startap-ovi
svakog dana



OGRANIČENJA NA DRUŠTVENIM MREŽAMA

- ▶ **Politika mreže domaćina**
- ▶ **Politika grupe, stranice**
- ▶ **Česte promene stavova i algoritama pojedinih mreža**
- ▶ **Credibilitet autora**

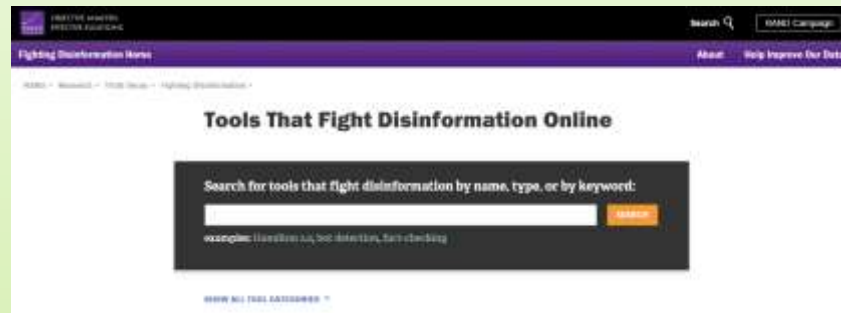
INFORMACIJE I DEZINFORMACIJE NA DRUŠTVENIM MREŽAMA

- ▶ Namerno izmišljene priče plasirane kao da su novinarske, a cilj im je manipulacija čitalaca.
 - ▶ Dezinformacije (**Misinformation**) - lažne informacije koje se šire jer veruju da su istinite – **dobavljači**.
 - ▶ Dezinformacije (**Disinformation**) - lažne informacije koje se šire iako znaју da su lažne - pokušavaju da prevare љude – **širitelji laži**.
- ▶ **Cultura dijaloga**
 - ▶ **Cancel culture** (kultura otkazivanja), **Ciberbuling**
- ▶ **Učesnici rasprava:**
 - ▶ Spameri, Hejteri, Trolovi, Clickbot

Alati i metode za borbu protiv dezinformacija

https://issuu.com/novinarska-skola/docs/fake_news_vodic

- ▶ <https://www.rand.org/research/projects/truth-decay/fighting-disinformation/search.html>
- ▶ <https://dznep.hr/prirucnik-za-provjeru-informacija-iz-medija/>



POUZDANOST IZVORA INFORMACIJA

Društvene mreže

**PAŽLJIVO
DA VAS NE
BLOKIRAJU**

Zelena Alijansa Srbije
29 martiya · 🌐

I takooo...malo smo bilo blokirani i sprečeni da objavljujemo bilo šta jer smo se drznuli da objavimo ekocid u Boru a pomenuli i ko ga pravi pa su nas dušebrižnici prijavili.
Inače, vrlo često objave ne izlaze, algoritmi ih odbijaju pa se pitamo šta se ovo desilo sa Facebook!?

Page quality

⚠️

Zelena Alijansa Srbije

Violations

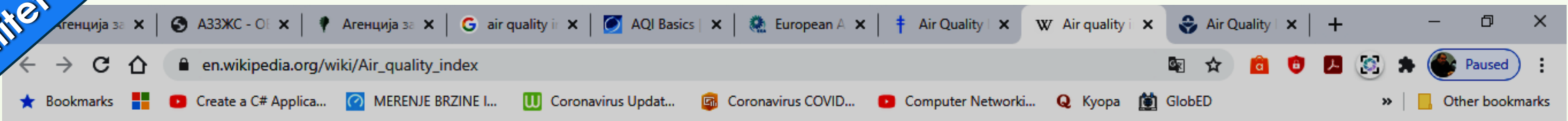
Op

This feature is temporarily blocked

You recently posted something that violates Facebook's policies, so you've been temporarily blocked from using this

Kvalitet vazduha

MERENJE VAZDUHA - INDIKATORI



CAQI [edit]

As of 2012, the EU-supported project *CiteairII* argued that the CAQI had been evaluated on a "large set" of data, and described the CAQI's motivation and definition. *CiteairII* stated that having an air quality index that would be easy to present to the general public was a major motivation, leaving aside the more complex question of a health-based index, which would require, for example, effects of combined levels of different pollutants. The main aim of the CAQI was to have an index that would encourage wide comparison across the EU, without replacing local indices. *CiteairII* stated that the "main goal of the CAQI is not to warn people for possible adverse health effects of poor air quality but to attract their attention to urban air pollution and its main source (traffic) and help them decrease their exposure."^[33]

The CAQI is a number on a scale from 1 to 100, where a low value means good air quality and a high value means bad air quality. The index is defined in both hourly and daily versions, and separately near roads (a "roadside" or "traffic" index) or away from roads (a "background" index). As of 2012, the CAQI had two mandatory components for the roadside index, NO₂ and PM₁₀, and three mandatory components for the background index, NO₂, PM₁₀ and O₃. It also included optional pollutants PM_{2.5}, CO and SO₂. A "sub-index" is calculated for each of the mandatory (and optional if available) components. The CAQI is defined as the sub-index that represents the worst quality among those components.^[33]

Some of the key pollutant concentrations in µg/m³ for the hourly background index, the corresponding sub-indices, and five CAQI ranges and verbal descriptions are as follows.^[33]

Qualitative name	Index or sub-index	Pollutant (hourly) concentration in µg/m ³			
		NO ₂	PM ₁₀	O ₃	PM _{2.5} (optional)
Very low	0–25	0–50	0–25	0–60	0–15
Low	25–50	50–100	25–50	60–120	15–30
Medium	50–75	100–200	50–90	120–180	30–55
High	75–100	200–400	90–180	180–240	55–110
Very high	>100	>400	>180	>240	>110

Frequently updated CAQI values and maps are shown on the www.airqualitynow.eu and other websites.^[32] A separate *Year Average Common Air Quality Index* (YACAQI) is also defined, in which different pollutant sub-indices are separately normalised to a value typically near unity. For example, the yearly averages of NO₂, PM₁₀ and PM_{2.5} are divided by 40 µg/m³, 40 µg/m³ and 20 µg/m³, respectively. The overall background or traffic YACAQI for a city is the arithmetic mean of a defined subset of these sub-indices.^[33]

United States [edit]

Kvalitet vazduha

<http://www.amskv.sepa.gov.rs/kriterijumi.php>

Kriterijumi

Зарађујућа материја, $\mu\text{g}/\text{m}^3$	Период усредњавања	ГВ (гранична вредност)	Не сме да буде прескорачена више од X пута у календарској години	ТВ, Тolerантна вредност (ГВ + гранична толеранције)	2012.	2013.	2014.	2015.	2016.	2017.	2018.	2019.	Доња граница оцењивања	Горња граница оцењивања
Сумпор диоксид (SO_2)	1 h	350	24 x	500	470	440	410	380	350	350	350	350	-	-
	24 h	125	3 x	125									50	75
	календарска година	50	-	50									-	-
Азот-диоксид (NO_2)	1 h	150	18 x	225	217.5	210	202.5	195	187.5	180	172.5	165	75	105
	24 h	85	-	125	121	117	113	109	105	101	97	93	-	-
	календарска година	40	-	60	58	56	54	52	50	48	46	44	26	32
Суспендоване честице PM_{10}	24 h	50	35 x	75	70	65	60	55	50	50	50	50	25	35
	календарска година	40	-	48	46.4	44.8	43.2	41.6	40	40	40	40	20	28
Суспендоване честице $\text{PM}_{2.5}$	календарска година	25	-	30	30	29.3	28.5	27.8	27.1	26.4	25.7	25	12.5	17.5
Озон (O_3)	8 h max	120	25 x у години у току 3 године											
Угљен-моноксид (CO)	8 h max	10000	-	16000	14800	13600	12400	11200	10000	10000	10000	10000	5000	7000
	24 h	5000	-	10000	9000	8000	7000	6000	5000	5000	5000	5000	-	-
	календарска година	3000	-	-										
Олово (Pb)	24 h	1	-	1									-	-
	календарска година	0,5	-	1	0.9	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.25	0.35
Бензен (C_6H_6)	календарска година	5	-	8	7	6.5	6	5.5	5	5	5	5	2	

[HTTP://WWW.AMSKV.SEPA.GOV.RS/K RITERIJUMI.PHP](http://www.amskv.sepa.gov.rs/kriterijumi.php)

Kvalitet vazduha

Indeks

Zag. materija	Period usr.	ODLIČAN	DOBAR	PRIHVATLJIV	ZAGAĐEN	JAKO ZAGAĐEN
SO ₂	1h	0ug.m-3 - 50ug.m-3	50.01ug.m-3 - 100ug.m-3	100.01ug.m-3 - 350ug.m-3	350.01ug.m-3 - 500ug.m-3	Iznad 500.01ug.m-3
O ₃	1h	0ug.m-3 - 60ug.m-3	60.1ug.m-3 - 120ug.m-3	120.1ug.m-3 - 180ug.m-3	180.1ug.m-3 - 240ug.m-3	Iznad 240.1ug.m-3
CO	1h	0mg.m-3 - 5mg.m-3	5.00001mg.m-3 - 10mg.m-3	10.00001mg.m-3 - 25mg.m-3	25.00001mg.m-3 - 50mg.m-3	Iznad 50.00001mg.m-3
PM _{2.5}	1h	0ug.m-3 - 15ug.m-3	15.01ug.m-3 - 30ug.m-3	30.01ug.m-3 - 55ug.m-3	55.01ug.m-3 - 110ug.m-3	Iznad 110.01ug.m-3
PM ₁₀	1h	0ug.m-3 - 25ug.m-3	25.01ug.m-3 - 50ug.m-3	50.01ug.m-3 - 90ug.m-3	90.01ug.m-3 - 180ug.m-3	Iznad 180.01ug.m-3
NO ₂	1h	0ug.m-3 - 50ug.m-3	50.01ug.m-3 - 100ug.m-3	100.01ug.m-3 - 150ug.m-3	150.01ug.m-3 - 400ug.m-3	Iznad 400.01ug.m-3

E-IZVORI PODATAKA O KVALITETU VAZDUHA (DRŽAVNI, PRIVATNI/CORPOR., OCD)

Izvori podataka

- ▶ Merne stanice
- ▶ Sajtovi i portali
- ▶ Društvene mreže
- ▶ Otvoreni podaci

Izvori podataka

SAJTOVI I PORTALI

- ▶ Državni
- ▶ Corporacije, preduzeća
- ▶ Privatni
- ▶ OCD

1. Vizualni prikazi u vidu mapa/tabela
2. Tekstualni/periodični izveštaji

Izvori podataka

https://getaircare.com

AirCare aplikacija

The screenshot shows the AirCare website interface. On the left, a map of the Balkan region displays numerous colored dots representing air quality monitoring stations. The dots are color-coded by AQI: green (good), yellow (moderate), orange (unhealthy for sensitive groups), red (unhealthy), and purple (very unhealthy). Major cities like Sarajevo, Novi Sad, and Belgrade are visible. On the right, a detailed panel for the 'Bor - Gradski park' station shows an EU AQI of 37. The panel includes a dropdown menu for the station name and another for the pollutant type (EU AQI). Below the AQI value, a message states 'Kvalitet vazduha je loš' (Air quality is poor) and provides the measurement time and source: 'izmereno 2021-02-19 22:00' and 'Izvor podataka: Zvanične merne stanice'. At the bottom of the panel, there is a tip: 'Eliminiše sve zagađivače u zatvorenom prostoru' (Eliminates all pollutants in a closed space). The website's browser address bar shows the URL: 'getaircare.com/web/#draw?station=BorGradskipark&pollutant=AQI&country=rs&selectedStationType=1&language=sr'. The browser tabs include 'Facebook' and 'AirCare - Saznajte šta dišete'. The browser's bookmark bar contains various links, and the bottom of the page features 'Leto' and 'Vidžet' icons.

EU AQI

Izvori podataka

https://www.iqair.com/

The screenshot shows the IQAir website interface for Bor, Serbia. The browser's address bar displays the URL `iqair.com/serbia/central-serbia/bor`. The website header includes the IQAir logo and navigation links for World Air Quality, Community, At Home, At Work, News, and Support. The main heading is "Air quality in Bor" with a subtitle "Air quality index (AQI) and PM2.5 air pollution in Bor". A "LAST UPDATE" box indicates the data is from 21:00 on Feb 19 (local time). A yellow banner displays the "US AQI" as 79, categorized as "Moderate", with a "LIVE AQI INDEX" label and a person icon. Below this is an "OVERVIEW" section with the question "What is the current air quality in Bor?". A table provides a summary of the air quality data:

Air pollution level	Air quality index	Main pollutant
Moderate	79 US AQI	PM2.5

On the left side of the page, there is a "Real-time Bor air pollution map" showing a map of the region with various colored dots representing pollution levels at different locations.

US AQI

Izvori podataka

<https://aqicn.org/map/europe/>

The screenshot shows the AQICN Europe map interface. At the top, there's a browser address bar with the URL <https://aqicn.org/map/europe/>. Below the browser, there are social media sharing options (Share, Like 534, Tweet, Share 664) and a search bar. The map displays air quality data for various locations across Europe, with color-coded pins indicating the AQI level. A detailed popup for Bor Gradski park, Serbia, is shown in the center, displaying a 'Good' AQI of 40, updated 2 hours ago. The popup includes a bar chart for PM_{2.5}, PM₁₀, and SO₂ concentrations, a 5-day forecast with smiley face icons, and a 12-month PM₁₀ trend chart. The bottom navigation bar contains links for HOME, HERE, MAP, MASK, FAQ, SEARCH, CONTACT, and LINKS.

Bor Gradski park, Serbia

40 - Good

updated 2 hours ago
(Apr 21, 2021 5:00 PM)

PM_{2.5}
PM₁₀
SO₂

21st 22nd 23rd 24th 25th
43/57 15/50 27/51 17/29 22/24

past 12 months PM₁₀

May Jul Sep Nov Jan Mar

Click for more information

Source: SEPA - Serbian National Air Monitoring network (Državna mreža za automatski monitoring kvaliteta vazduha)

Quick and Easy to Install

Wintersense Smart Sensor
Consistent data 24/7, minimize expenses through smarter route-based treatment decisions

campbellsci.eu

OPEN

Izvori podataka

ps://airindex.eea.europa.eu/Map/AQI/Viewer/

Browser tabs: world most visited websites - Go, Bor Gradski park Air Quality Inde, European Air Quality Index

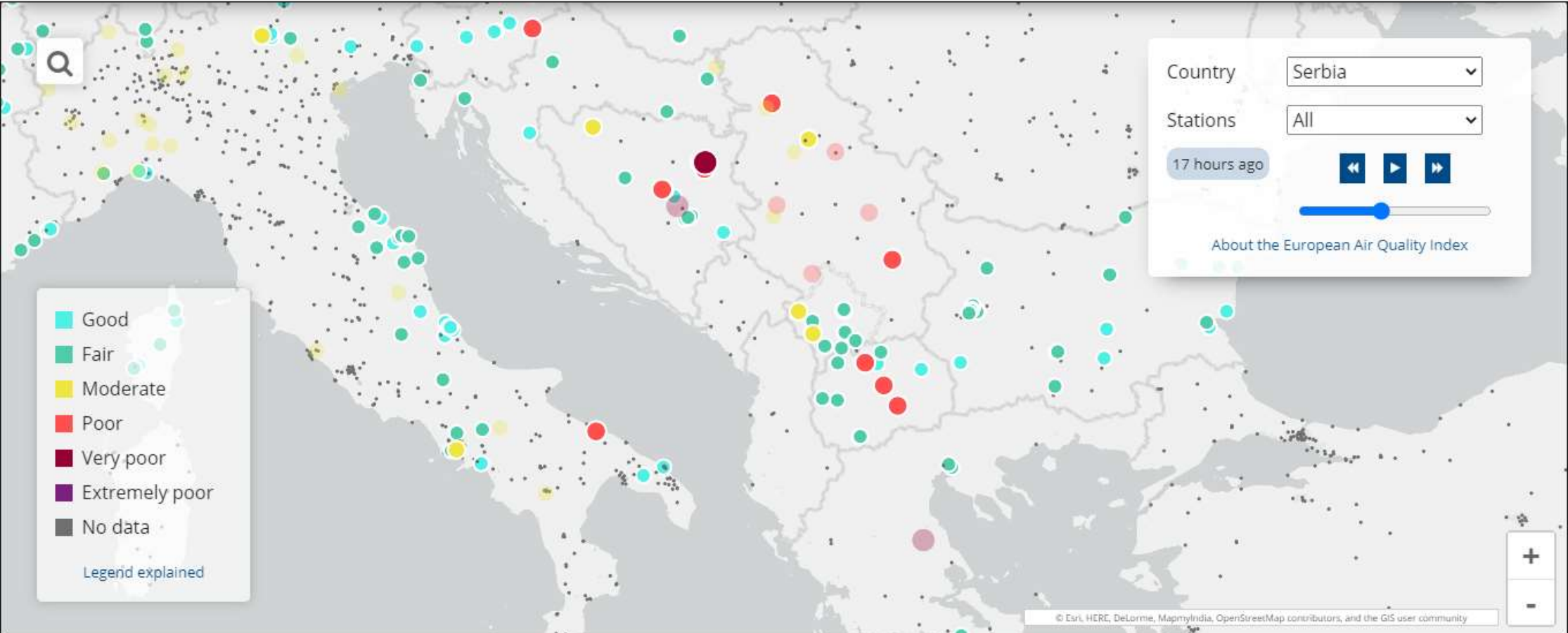
Address bar: airindex.eea.europa.eu/Map/AQI/Viewer/

Bookmarks: Create a C# Applica..., MERENJE BRZINE I..., Coronavirus Updat..., Coronavirus COVID..., Computer Networki..., Kyopa, GlobED



European Air Quality Index

2021-04-21 02:00 UTC+2



Izvori podataka

<https://regional.atmosphere.copernicus.eu/>

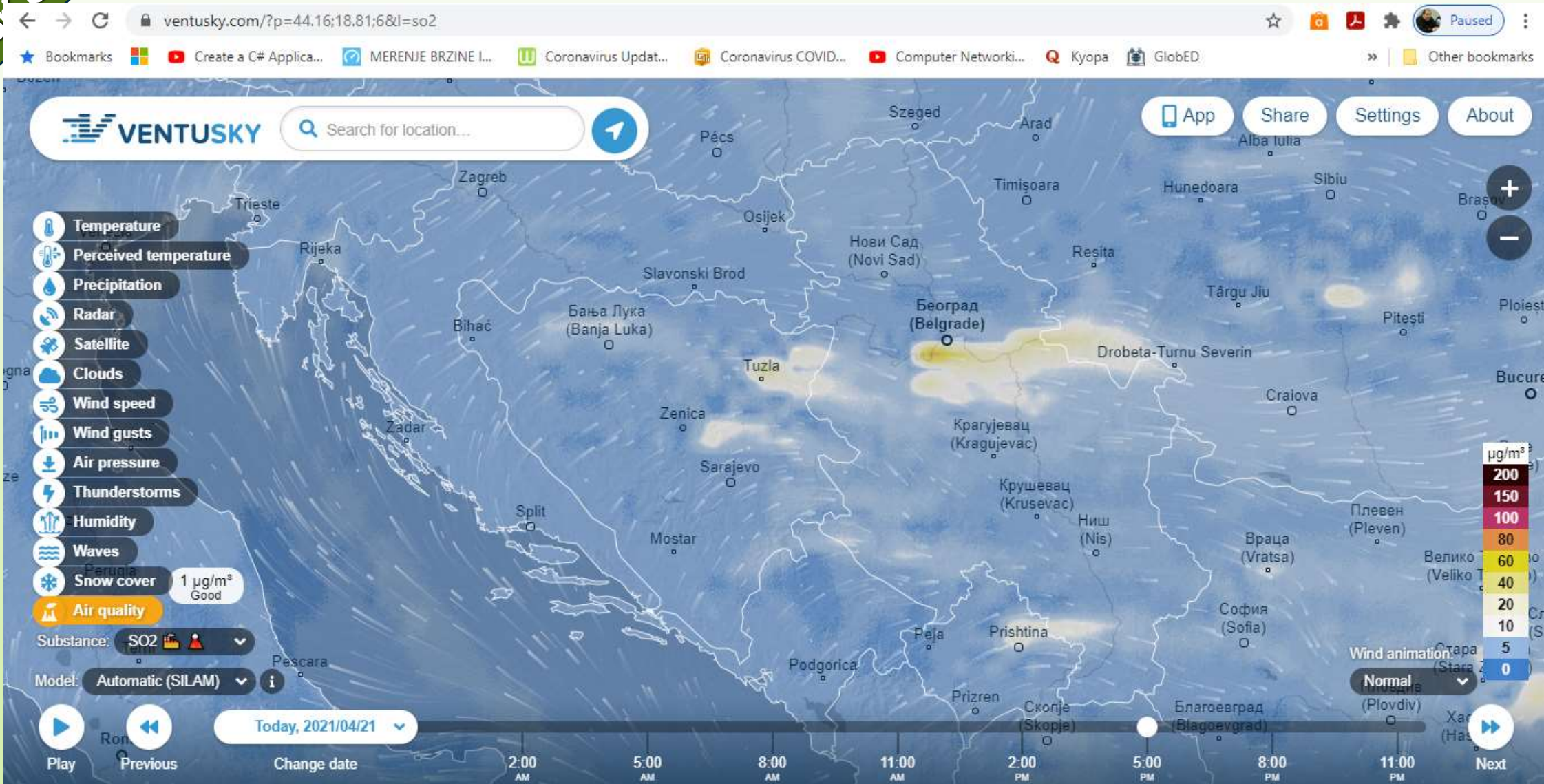
The screenshot shows the website interface for regional air quality data. At the top, there is a navigation bar with links: ABOUT CAMS, NEWS & MEDIA, EVENTS, CATALOGUE, RESOURCES, and TENDERS. Below this is a 'HELP & SUPPORT' section. The main content area features a map of Europe with color-coded air quality indicators and station locations marked with orange pins. To the right of the map, there are two service panels. The first panel, titled 'PERFORMANCE AT STATION AND COUNTRY LEVEL', offers 'FORECAST' and 'ANALYSIS' options. The second panel, titled 'EUROPEAN AIR QUALITY SERVICES', lists several services: 'OTHER AIR QUALITY MAPS', 'ENSEMBLE MODEL' (including hourly forecasts and analyses), 'EPSGRAMS', 'PARTNER MODELS' (including hourly forecasts and analyses), and 'ENSEMBLE VS PARTNER MODELS'.

- PERFORMANCE AT STATION AND COUNTRY LEVEL
- FORECAST
 - ANALYSIS

- EUROPEAN AIR QUALITY SERVICES
- OTHER AIR QUALITY MAPS
 - ENSEMBLE MODEL
 - HOURLY FORECASTS & ANALYSES
 - EPSGRAMS
 - PARTNER MODELS
 - HOURLY FORECASTS
 - HOURLY ANALYSES
 - ENSEMBLE VS PARTNER MODELS

Izvor podataka

<https://www.ventusky.com/>



Izvori podataka


http://www.euro.who.int/en/health-topics/environment-and-health/air-quality

The screenshot shows the WHO Europe website page for Air Quality. The browser's address bar displays the URL: www.euro.who.int/en/health-topics/environment-and-health/air-quality. The page features the WHO logo and the text "World Health Organization REGIONAL OFFICE FOR Europe". A navigation menu includes "Home", "Health topics", "Countries", "Publications", "Data and evidence", "Media centre", and "About us". The "Health topics" menu is expanded, showing a breadcrumb trail: "Health topics > Environment and health > Air quality".

Air quality

- [News](#)
- [Events](#)
- [Policy](#)
- [Activities](#)
- [Data and statistics](#)
- [Publications](#)
- [Partners](#)
- [Contact us](#)


Air quality



The air we breathe contains emissions from motor vehicles, industry, heating and commercial sources, as well as tobacco smoke and household fuels. Air pollution harms human health, particularly in those already vulnerable because of their age or existing health problems.

[Read more](#)

Top story



News

A new international day to celebrate clean air – and a sustainable recovery from COVID-19
07-09-2020

Regions and cities of the WHO European Region commit to safe

Tools for health impact assessment of air quality: the AirQ+ software

Estimating how many diseases or deaths are caused by air pollution in a given population is the starting point to develop or adjust policies and measures that

Izvori podataka

<https://www.airqualitynow.eu/sr/index.php>

AIR QUALITY IN EUROPE

srpski

[NASLOVNA](#) | [UPOREDITE GRADOVE](#) | [ZAGAĐENJA VAZDUHA](#) | [O NAMA](#)

Trenutna situacija | Prognoza za sutra | Godišnja situacija | Informacijska stranica gradova | Sustainable Mobility Indicator

Trenutna situacija

The table below describes the current state of air quality in European cities:

- The general background air quality in the city. This is the outdoor air quality experienced by the average citizen.
- The roadside air quality. Generally the poorest air quality is found in busy streets. Citizens living, working and visiting these streets are all affected. This includes people in cars and busses.

Detailed information on the cities is available by clicking on their name.

Poslednje ažuriranje 02/19/2021 22:00 UTC

GRADA	INDEKS SAOBRAĆAJA		INDEKS POZADINE	
	Juče	Sada	Juče	Sada
Andorra				
Andorra	-	-	34	31
Austria				
Graz	75	49	34	37
Innsbruck	73	42	58	29
Linz	39	18	29	22
Salzburg	67	39	28	50
Belgium				
Brussels	-	-	-	-

Izvori podataka

https://eeb.org/work-areas/industry-health/air-quality/

The screenshot shows a web browser displaying the EEB website. The browser's address bar shows the URL `eeb.org/work-areas/industry-health/air-quality/`. The page features a navigation menu with links for Home, About, Who we are, What we do, Membership, Events, News, and Contact. A search bar is located on the left. The main content area has a background image of an industrial facility with smokestacks emitting plumes of smoke. Overlaid on this image is a blue banner with the text "INDUSTRY & HEALTH AIR QUALITY". Below the banner are four green buttons labeled "Mercury", "Industrial emissions", "Air Quality", and "Chemicals". At the bottom right, there is a section for "AIR AND NOISE POLICY OFFICER" with a partial profile picture. A cookie consent banner is visible at the very bottom, stating "This website uses cookies to provide data and improve the user experience. By using it, you agree to our use of cookies. Our Privacy Policy" with an "I am aware" button.

Izvori podataka

<https://www.airclim.org/air-quality>

The screenshot shows a web browser window with the URL [airclim.org/air-quality](https://www.airclim.org/air-quality). The page header includes the AirClim logo and the text "Air Pollution & Climate Secretariat". A navigation menu is visible with the following items: AIR POLLUTION (selected), CLIMATE CHANGE, ACID NEWS, PUBLICATIONS, and EVENTS. The main content area is titled "Air quality" and contains the following text:

Air pollution affects us in many ways, perhaps more than we realize. Most important and obvious are the direct effects on human health. Recent research indicates that small particles (PM_{2.5}) in the air caused nearly 400 000 premature deaths within the 28 EU countries in the year 2015. Another 16 000 premature deaths was caused by ground-level ozone, and exposure to nitrogen dioxide (NO₂) caused around 76 000 premature deaths.

Small particles were also responsible for several hundreds of thousand serious hospital admissions in the EU28, and a much larger number of less serious effects, for example more than one million cases of bronchitis and 400-500 million restricted activity days.

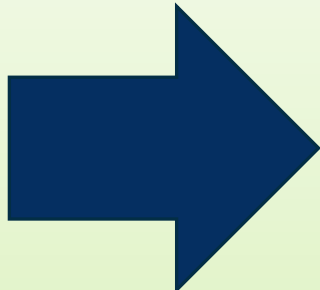
But there are also other air pollutants and important indirect effects. This section (see menu in the left hand column) describes both the direct effects of different pollutants on health and vegetation, and some indirect effects, such as toxic groundwater and corrosion of materials, due to acidification.

On the right side, there is a "Read more" section with a list of links:

- Acidification
- Eutrophication
- **Air quality**
- What to do?
- Policy initiatives
 - EU air pollution policy
 - The NEC directive
 - Air quality legislation
 - Industrial emissions
 - Legislation on vehicles and fuels
 - LRTAP Convention
 - Air pollution from ships
- Do your bit!

Izvori podataka

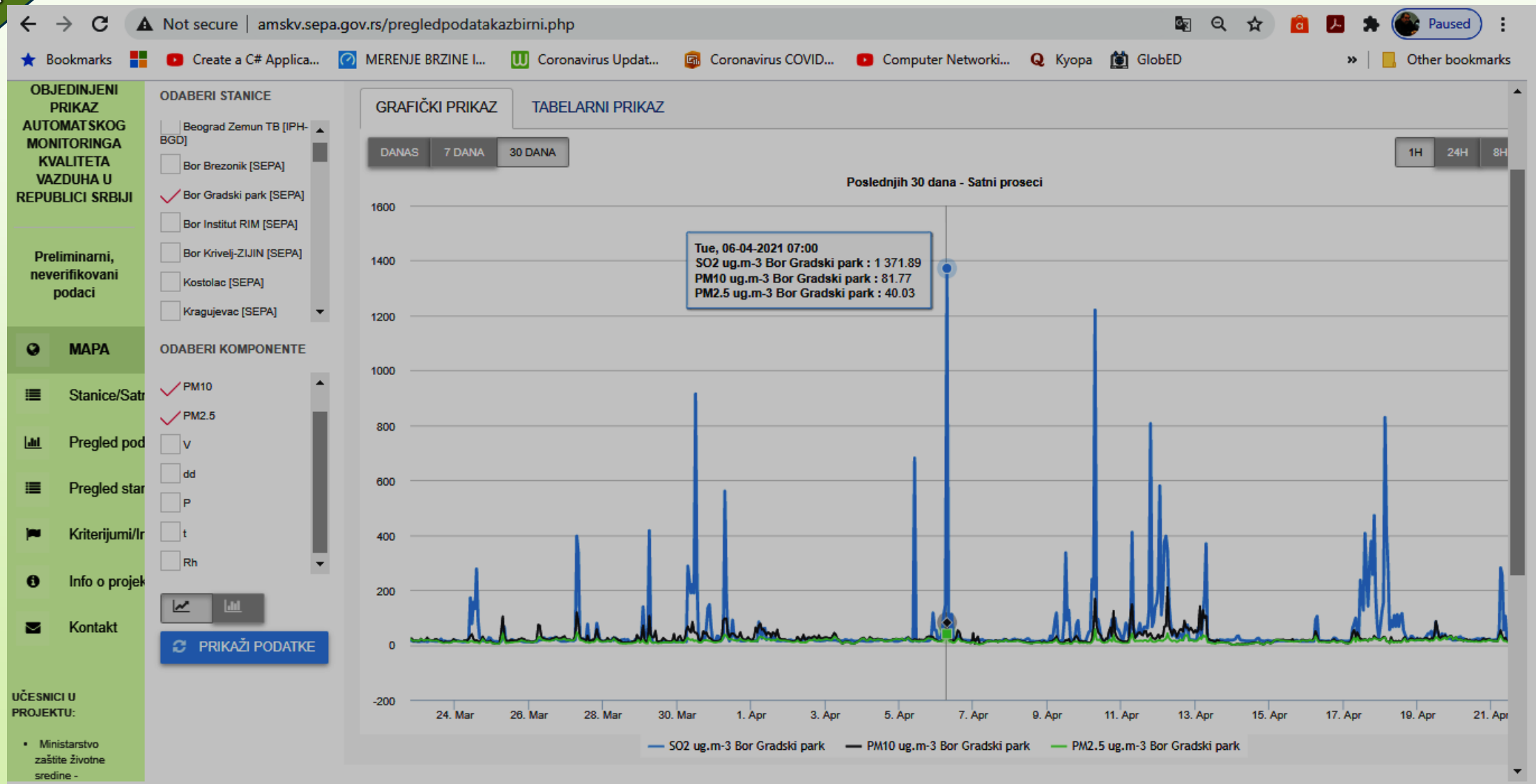
<http://www.amskv.sepa.gov.rs/stanicepodaci.php>



Stanica	Mreža	SO2	NO2	O3	CO	PM10	PM2.5
Smederevo Banja	SEPA						
Loznica	SEPA	16.8	20.3	98.4	X	X	X
Valjevo	SEPA	15.1	29.7	X	0.8	36.6	18.3
Bor Krivelj-ZIJIN	SEPA	6.4	X	X	X	X	X
Bor Brezonik	SEPA	8.91	X	X	X	X	X
Bor Gradski park	SEPA	15.4	X	X	X	11.2	9.45
Bor Institut RIM	SEPA	12.3	15.6	X	0.17	X	X
Bor Slatina-ZIJIN	SEPA	N/A	X	X	X	X	X
Kragujevac	SEPA	15.7	27.6	X	1.12	X	X
Kosjerić	SEPA	9.69	2.41	91.7	0.91	15.8	14.4
Popovac	SEPA	4.78	12.8	N/A	N/A	115	27.9
Zaječar	SEPA	10.6	7.51	X	0.75	X	X
Čačak	SEPA	X	N/A	X	0.88	20.5	13.6
Paraćin	SEPA	16.8	9.09	X	0.49	X	X
Užice	SEPA	3.68	40.7	X	0.93	18.4	15.2
Kraljevo	SEPA	3.56	7.36	X	0.51	X	X
Novi Sad	SEPA	X	8.47	X	0.44	X	X

Izvori podataka

http://www.amskv.sepa.gov.rs/pregledpodatakazbirni.php



Izvori podataka

https://bor.rs/notice-category/kvalitet-vazduha/

ПРЕДУЗЕЋА И УСТАНОВЕ
ДОКУМЕНТА >
СЛУЖБЕНИ ЛИСТ >
ЈАВНЕ НАБАВКЕ
КОНТАКТ >

COVID-19 ИНФО
Корона пресек за 21. април
21.04.2021. - 13:49
Корона пресек за 20. април
20.04.2021. - 15:56
Корона пресек за 19. април
19.04.2021. - 13:15
Корона пресек за 18. април
18.04.2021. - 16:07
Корона пресек за 17. април
17.04.2021. - 15:34
[Прикажи све](#)

КВАЛИТЕТ ВАЗДУХА
[Дневни извештај о квалитету ваздуха 20.04.2021](#) 21.04.2021. - 07:47
[Дневни извештај о квалитету ваздуха](#)

Дневни извештај о квалитету ваздуха 20.04.2021

EN SR

На основу података са сајта Агенције за заштиту животне средине на дан 20.04.2021. године у периоду 00:00h до 23:59 часова није евидентирано прекорачење сатних концентрација сумпордиоксида.
Током истог периода нису евидентирана прекорачења концентрација суспендованих честица на мерном месту Градски Парк.

21.04.2021. - 07:47 in [Квалитет ваздуха](#)

Дневни извештај о квалитету ваздуха 19.04.2021

На основу података са сајта Агенције за заштиту животне средине на дан 19.04.2021. године у периоду 00:00h до 23:59 часова није евидентирано прекорачење сатних концентрација сумпордиоксида.

Током истог периода су евидентирана прекорачења концентрација суспендованих честица на мерном месту Градски Парк.

	ПМ 10	ПМ 2.5
4/19/2021 13:00	86.71	29.45
4/19/2021 14:00	60.85	25.16
4/19/2021 19:00	35.66	28.52
4/19/2021 21:00	29.22	28.23

Terms

Izvori podataka

<https://BOR.RS/NOTICE-CATEGORY/KVALITET-VAZDUHA/>

КВАЛИТЕТ ВАЗДУХА
Last update: 21-04-21 17:00

Detector place: Bor Gradski park, Serbia

AQI Level
40

PM10: 11 PM2.5: 40
SO₂: 9.2

КВАЛИТЕТ ВАЗДУХА

Bor
5:00PM

	39 US AQI	9.4 µg/m ³
---	---------------------	---------------------------------

Izvori podataka

HTTPS://WWW.IQAIR.COM/SERBIA/CENTRAL-SERBIA/BOR

IQAir World Air Quality Community At Home At Work News Support

BOR AIR QUALITY MAP
Real-time Bor air pollution map
EXPLORE MAP

AIR QUALITY CONTRIBUTORS SOURCES
Data provided by

Contributors	Data sources
2	2

SEE ALL

OVERVIEW
What is the current air quality in Bor?

Air pollution level	Air quality index	Main pollutant
Moderate	79 US AQI	PM2.5

Pollutants Concentration

PM2.5	25.6 $\mu\text{g}/\text{m}^3$
PM10	30.7 $\mu\text{g}/\text{m}^3$
SO2	14.6 $\mu\text{g}/\text{m}^3$

HEALTH RECOMMENDATIONS
How to protect from air pollution in Bor?

Izvori podataka

HTTP://MIBOR.RS

The screenshot shows the website for the Society of Young Researchers Bor (Društvo mladih istraživača Bor). The header features the organization's logo, a tagline "Četiri decenije radoznalosti, spoznaje i stvaralaštva", and a search bar. A navigation menu includes links for MI BOR, NAJAVA DOGAĐAJA, PROGRAMI, JAVNE RASPRAVE, GALERIJE, STARI SAJT DMI, and KONTAKT. The main content area displays three images: a field site with large pipes, a presentation in a room, and a group of people at an outdoor site. Below the images, a text box describes an initiative for environmental assessment of mining objects, and a sidebar lists programs such as public policy and air protection.

MI BOR NAJAVA DOGAĐAJA PROGRAMI JAVNE RASPRAVE GALERIJE STARI SAJT DMI KONTAKT

Inicijativa za izradu Procene uticaja na životnu sredinu rudarskih objekata koji se grade za potrebe ventilacije rudnika Jama u Boru

Programi

- Javna politika i praksa zaštite vazduha

Izvori podataka

HTTP://MIBOR.RS/PROJEKTI/JAVNA-POLITIKA-I-PRAKSA-ZASTITE-VAZDUHA/AKTIVNOSTI-NA-REALIZACIJI-PROJEKTA-JAVNA-POLITIKA-I-PRAKSA-ZASTITE-VAZDUHA/

Facebook x Aktivnosti na realizaciji pro x +

Not secure | mibor.rs/projekti/javna-politika-i-praksa-zastite-vazduha/aktivnosti-na-realizaciji-projekta-javna-politika-i-praksa-zastite-va... ☆

Bookmarks Create a C# Applica... MERENJE BRZINE I... Coronavirus Updat... Coronavirus COVID... Computer Networki... Kyopa GlobED Other bookmarks

Саопштење за јавност

Због сумње да је дошло до загађења које може нарушити здравље људи и/или животну средину, Друштво младих истраживача из Бора је упутило Министарству животне средине захтев за наменским мерењем нивоа загађујућих материја у ваздуху у агломерацији Бор.

Захтев с односи на потребу мерења концентрација: сумпордиоксида, суспендованих честица (ПМ10, ПМ2,5), арсена, олова, кадмијума, живе и антимона.

Погледајте/преузмите Захтев.

DRUŠTVO MLADIH ISTRAŽIVAČA BOR
3. oktobra 71 19210 B O R
telefon: 030 444 241, 064 230 98 01
račun: 160 – 355773 - 48 Intesa banka AD Beograd RJ Zaječar
PIB 100629481

www.mibor.rs
kancelarija@mibor.rs

МИНИСТАРСТВУ ЗАШТИТЕ ЖИВОТНЕ СРЕДИНЕ

vazduha

Bolje Organizovani Resursi za odlučivanje o životnoj sredini

B-O-R za životnu sredinu

Zelena ekonomija

CSOnnect

Ekološki dani Bora

Ekološka istina – EcoTER'20

Karavan nauke – Timočki

Naučni Tornado

MORIEK

O nama

Partneri

Канцеларија за сарадњу са цивилним друштвом

Izvori podataka

MEDIJA CENTAR BOR - MC.KCBOR.NET

The screenshot shows a web browser window with the URL mc.kcbor.net/?fbclid=IwAR10E87BlpbtakwcP5lBr36Qd4eaJVx4p8cuU06rEFalte2bQJLn1EvjMjc. The browser tabs include Facebook, zagadenje vazduha, MEDIA CENTAR BOR, EU Info Centar, Ekopak, and Kreni-Promeni. The website header features a red banner with the text "Breaking News" and "9. новембра 2020. Nove mere: 208 aktivno pozitivnih osoba". Below the banner is a large graphic with the hashtag "#OstaniKodKuće" and the slogan "Brini o sebi i drugima". The navigation menu includes links for AgroDAR, ECOSOLDER, Ekološki dani Bora, EMIT, ROMSKI, and O nama. The main content area displays a grid of news articles:

- Medija centar Bor - Borski info centar - Gradjanska čitaonica Evropa**
- Za čistiji vazduh potrebna bolja politika eko taksa i naknada** (9. фебруара 2021.)
- Stižu eEnergetika i eRudarstvo** (14. фебруара 2021.)
- Dan otvorenih vrata u Centru za socijalni rad** (12. фебруара 2021.)

At the bottom right, there is a video player with a red button labeled "Aktuelno Društvo".

Izvori podataka

RTVBOR.RS

The screenshot shows a web browser window with the URL rtvbor.rs. The page features the logo for 'BOP RADIO TELEVIZIJA BOR' and a navigation menu with 'Vesti', 'Video', 'O nama', and 'Kontakt'. A 'NAJNOVIJE VESTI' (Latest News) section is active, displaying a grid of news items. The largest article is titled 'Nezadovoljstvo meštana borskog sela Slatina' (Dissatisfaction of residents of the village of Slatina), categorized under 'Društvo' (Society) and dated '20 sati ago' by Goran Gramic. Other visible headlines include 'Iz budžeta Opštine Majdanpek pet miliona dinara za medije' (From the budget of the Municipality of Majdanpek five million dinars for media), 'Tri programa podrške preduzetnicima' (Three programs of support for entrepreneurs), and 'Niz radionica za Čitaliće i ove godine' (A series of workshops for Čitaliće and this year).


Izvori podataka

BOR030.NET

Web portal grada Bora - Bor 030

bor030.net

3.3 c Bor 20. februar 2021. | 12:19



NASLOVNA VESTI UPOZNAJTE BOR OKOLINA TURIZAM FOTO GALERIJA



OPEN DATA AIR QUALITY EU

- ▶ **Državni, javni**
- ▶ **OCD**
- ▶ **Corporacije, preduzeća
(retko)**

OTVORENI PODACI

- ▶ https://data.europa.eu/euodp/en/data/dataset/data_airbase-the-european-air-quality-database - **Nema podataka za Srbiju**
- ▶ <https://www.eea.europa.eu/themes/air/explore-air-pollution-data> - **Nedostupan sajt**
- ▶ <https://www.europeandataportal.eu/data/datasets?locale=en&tags=air-quality&keywords=air-quality&minScoring=0>
- **Ima podataka za Srbiju**

Izvori podataka

http://www.euro.who.int/en/countries/serbia/publications/health-impact-of-ambient-air-pollution-in-serbia-a-call-to-action-2019

WHO/Europe | Health impact of ...

euro.who.int/en/countries/serbia/publications/health-impact-of-ambient-air-pollution-in-serbia-a-call-to-action-2019

English Français Deutsch Русский

Home Health topics Countries Publications Data and evidence Media centre About us

Countries > Serbia > Publications > Health impact of ambient air pollution in Serbia: a call to action (2019)

Serbia

- News
- Events
- COVID-19 video gallery
- Areas of work
- Data and statistics
- Publications**
- WHO Country Office
- Links
- Contact us

Health impact of ambient air pollution in Serbia: a call to action (2019)

Download

English (PDF, 1.8 MB)

This report, on a comprehensive investigation on the impact of air quality on health in Serbia, assesses the effects of air pollution on health in major cities. The results show that long-term exposure to air pollution leads to premature death for a relevant percentage of the population, and short-term exposure to air pollution increases mortality risk. The investigation collected data on air quality, the population and its health in 2010–2015. Levels of pollutants exceeding the values of the WHO air quality guidelines and the limits set by European Union legislation on air quality were recorded in several Serbian cities. The WHO AirQ+ software was used to calculate the proportion of deaths due to air pollution for the main Serbian cities. The analysis of the national data shows that nearly 3600 premature deaths every year are attributable to exposure to fine particulate matter measuring $\leq 2.5 \mu\text{m}$ (PM_{2.5}) in 11 studied cities in Serbia. Simulations of progressive reductions in current PM_{2.5} concentrations point towards major health benefits from improving air quality in the country. The results of this analysis indicate the importance of a reliable monitoring of air quality and the need for interventions to reduce the burden of air pollution in Serbia.

Izvori podataka

DATA.GOV.RS/SR/TOPICS/ZIVOTNA-SREDINA/

The screenshot shows a web browser window with the URL `data.gov.rs/sr/topics/zivotna-sredina/`. The page header includes the Serbian coat of arms and the text "Република Србија" (Republic of Serbia) and "Портал отворених података" (Open Data Portal). Navigation links include "Отворени подаци", "Организације", "Скупови података", "Примери употребе", "Блог", and "Документа". A search bar labeled "Претрага" is also present. The main content area features a large watermark "Животна средина" and a section titled "Последњи примери употребе" (Latest examples of use). Below this, there are two tabs: "Истакнути скупови података" (Highlighted data sets) and "Најновији скупови података" (Latest data sets), with the latter being the active tab. The first data set listed is "Kvalitet vazduha za 2018. godinu" (Air quality for 2018).

Izvori podataka

2009-2019 NEVERIFIKOVANI PODACI

Kvalitet vazduha za 2014. godinu	↓	zip	>
Kvalitet vazduha za 2015. godinu	↓	zip	>
Kvalitet vazduha za 2016. godinu	↓	zip	>
Kvalitet vazduha za 2017. godinu	↓	zip	>
Kvalitet vazduha za 2018. godinu	↓	zip	>
Kvalitet vazduha za 2019. godinu	↓	zip	>
Kvalitet vazduha za 2020. godinu	↓	zip	>

ОРГАНИЗАЦИЈА

Агенција за заштиту животне средине
Агенција за заштиту животне средине, као орган у саставу Министарства заштите животне средине, са својством правног лица, обавља стручне послове који се односе на: развој,...

[Профил](#)

[Контакт](#)

NVO, OCD

ODBRANIMO REKE STARE PLANINE

The image shows a screenshot of a Facebook browser window. The browser's address bar displays the URL `facebook.com/groups/1925328764350247`. The Facebook navigation bar includes a search bar with the text "Претражите Фејсбук" and a user profile for "Mladen". The main content area features a large banner image of a waterfall with a white logo consisting of three stylized mountain peaks. To the right of the logo, the text "ODBRANIMO REKE STARE PLANINE" is written in white. Below the banner, the group name "Odbranimo reke Stare planine" is displayed in bold black text, followed by "Јавна група · 128,4 хиљ. чланова". A row of member profile pictures and a green button labeled "+ Позовите" are visible. At the bottom, a navigation menu contains the following items: "Информације", "Дискусија", "Обавештења", "Собе", "Чланови", "Догађаји", and "Још". A search icon and a three-dot menu icon are also present in the bottom right of the navigation area.

RERI

NVO, OCD

facebook.com/reri.org.rs/

Претражите Фејсбук

Vazduh ubija!

Ko naručuje ubistva?

#VazduhUbija

RERI
Renewables and Environmental
Regulatory Institute

RERI
@rerio.rs · Невладина организација (NGO)

Пошаљите поруку

Почетна страница Утисци Видео записи Још

Свиђа ми се

Информације Прикажи све

Крاليا Петра 70/11 11000

Направите објаву

Фотографија/видео Пријавите локацију

NVO, OCD

ZELENA ALIJANSA SRBIJE

The image shows a browser window displaying the Facebook profile of 'Zelena Alijansa Srbije'. The browser's address bar shows the URL 'facebook.com/zelenaalijansasrbije/'. The Facebook interface includes a search bar with the text 'Претражите Фејсбук', navigation icons, and a user profile picture for 'Mladen'. The main content area features a green-themed cover photo with a globe and city skyline, and a profile picture of a green link icon. The name 'Zelena Alijansa Srbije' and description 'Organizacija za ocuvanje životne sredine' are visible. A blue button labeled 'Пратите ово' (Follow) is present. The bottom navigation bar includes options like 'Почетна страница', 'Групе', 'Још', 'Свиђа вам се', 'Пошаљите поруку', and a search icon.

facebook.com/zelenaalijansasrbije/

Претражите Фејсбук

Mladen

ZELENA ALIJANSA SRBIJE
ujedinjeni ekološki pokreti

Zelena Alijansa Srbije
@zelenaalijansasrbije · Организација за очување животне средине

Пратите ово

Почетна страница Групе Још

Свиђа вам се Пошаљите поруку

EKO STRAŽA

NVO, OCD

The screenshot shows a web browser with several tabs open, including Facebook, Vreme & Radar Srbija, and Instagram. The active tab is the Facebook profile of 'Eko straža'. The profile picture is a circular logo with a green shield and a plant, with the text 'EKO STRAŽA' below it. The cover photo is a large crowd of people at a protest, many wearing face masks. A prominent banner in the foreground reads 'ZA SRBIJU BEZ SMOGA' in white and yellow letters on a black background. To the left of the banner, there is a smaller sign with a skull and crossbones and the word 'BAZENA'. The profile name 'Eko straža' is displayed in bold black text, followed by the bio '@ekostraza · Organizacija za očuvanje životne sredine'. A blue button with a checkmark icon and the text 'Пратите ово' (Follow this) is visible. At the bottom of the page, there are navigation links: 'Почетна страница' (Home page), 'Утиси' (Reviews), 'Још' (More), 'Свиђа вам се' (Like this), 'Пошаљите поруку' (Send message), a search icon, and a three-dot menu icon.

facebook.com/ekostraza/

Претражите Фејсбук

Eko straža
@ekostraza · Organizacija za očuvanje životne sredine

Пратите ово

Почетна страница Утиси Још Свиђа вам се Пошаљите поруку

NVO, OCD

KVALITET VAZDUHA U SRBIJI - AIRSRBIJA

The image shows a screenshot of a web browser displaying the Facebook profile page for 'Kvalitet vazduha u Srbiji - AirSrbija'. The browser's address bar shows the URL 'facebook.com/serbia.air.quality/'. The page features a large cover photo of a dandelion seed head with the text 'Serbia·Air·Quality' overlaid. Below the cover photo is the profile picture, which is a circular logo with red, white, and blue wavy lines. The profile name is 'Kvalitet vazduha u Srbiji - AirSrbija' and the handle is '@serbia.air.quality · Здравље/лепота'. A blue button labeled 'Сазнајте више' (Learn More) is visible, along with the website link 'serbiaairquality.com'. The navigation menu at the bottom includes 'Почетна страница' (Home), 'Информације' (About), 'Фотографије' (Photos), and 'Још' (More). The browser's top bar shows several open tabs, including 'Facebook', 'kvalitet vaz...', 'Eko straža', 'Vreme & R...', 'zagadenje', 'Instagram', '#zagadenje', and '#kvalitetva...'. The user's name 'Mladen' is visible in the top right corner of the browser window.

NVO, OCD

#ZAGAĐENJEVAZDUHA



Instagram

Search



#zagadenjevazduha

340 posts

Follow

Top posts



NVO, OSD

@BORJPPZV2020

The image shows a screenshot of a Facebook page for the organization '@BORJPPZV2020'. The browser's address bar shows 'facebook.com/Borjppzv2020/'. The page header includes the Facebook logo, a search bar with the text 'Претражите Фејсбук', and navigation icons for home, notifications (9+), video (9+), and groups (4). The user profile 'Mladen' is visible in the top right.

The main content area features a cover photo with the slogan 'Снажно зелено' (Strongly green) and the hashtag '#EY ZA TEBE'. Below the cover photo is a banner with the text 'Јавна политика и пракса у заштити' (Public policy and practice in protection) and an 'Измени' (Edit) button. The profile picture is a circular logo with the text 'MLADI ISTRAŽIVAČI BORA' and a green flower icon.

The page name is 'BOR Javna politika i praksa u zaštiti vazduha' and the category is 'Невладина организација (NGO)'. A button labeled 'Измените Прати' (Edit Following) is located below the profile information.

The left sidebar contains a 'Управљање страницом' (Manage Page) section with a dropdown menu for 'BOR Javna politika i praksa u zaštiti vazduha'. Below this are navigation links: 'Почетна страница' (Home), 'Новости' (News), 'Центар за рекламе' (Ad Center), 'Поруке' (Messages), 'Business App Store', 'Ресурси и алатке' (Resources and Tools), 'Управљајте пословима' (Manage Business), and 'Обавештења' (Notifications). A 'Промовиши' (Promote) button is at the bottom of the sidebar.

At the bottom of the page, there are buttons for 'Почетна страница' (Home), 'Још' (More), 'Промовиши' (Promote), and 'Погледајте као посетилац' (View as Visitor).

NVO, OCD

MIBOR MLADI ISTRAŽIVAČI BORA

Facebook MIBOR Mladi istraživači Bora | Fa

facebook.com/MIBOR-Mladi-istraživači-Bora-162746573802791/

Pretražite Feјsbук

Управљање страницом

MIBOR Mladi istraživači Bora

- Почетна страница
- Новости 8 НОВИХ
- Центар за рекламе
- Поруке
- Business App Store
- Ресурси и алатке
- Управљајте пословима
- Обавештења

Промовиши

Измени

MIBOR Mladi istraživači Bora

Направите @Username · Друштвена организација

+ Додајте дугме

Почетна страница Још

Промовиши Погледајте као посетилац

NVO, OCD

B-O-R ZA ŽIVOTNU SREDINU

The image shows a screenshot of a Facebook group page. The browser address bar shows the URL: facebook.com/groups/2075181599293808/. The page header includes the Facebook logo, a search bar with the text "Претражите Фејсбук", and navigation icons for home, flags, videos (9+), and notifications (4). The user profile "Mladen" is visible in the top right.

The main content area features a banner with several logos and images. The logos include "BOR ZA ŽIVOTNU SREDINU", "BOS BOSANJSKA OKUPACIONA VOJKA", "Снажно зелено", and the European Union logo with "#EY ZA TEBE". The banner images show industrial smokestacks, a cityscape, and a residential area. Below the banner, there is a section titled "Јавна политика и пракса у заштити" with an "Измени" button.

The group name "B-O-R za životnu sredinu" is prominently displayed, along with the description "Јавна група · 250 чланова". Below the name, there are profile pictures of group members and a green button labeled "+ Позовите".

At the bottom, there is a navigation menu with the following items: "Информације", "Дискусија" (highlighted in green), "Собе", "Теме", "Чланови", "Мултимедијални садржај", and "Датотеке".

On the left side, there is a sidebar with the heading "Управљање групом" and a list of "Admin Tools":

- Захтеви за учлањење
- Аутоматско одобравање чланова
- Питања при учлањењу
- Објаве на чекању
- Заказане објаве
- Списак активности
- Правила групе

NVO, OCD

INSTAGRAM.COM/DMIBOR2020

Instagram

Search

dmibor2020 Message

27 posts 146 followers 294 following

Mladen Dumitrašković
www.mibor.rs

Followed by danijelaa78, borcira, dejan.nedeljkovic73 +49 more

POSTS TAGGED

PROJEKAT: POLITIKA I PRAKSA U ZAŠTITI VAZDUHA
SEMINAR: LOKALNA POLITIKA I PRAKSA ZAŠTITE VAZDUHA I UREĐIVANJE JAVNOSTI U PROCESU DONOŠENJA ODLUKA

PROGRAM

Datum	Tematika
21. 02. 2021.	
18.00	Crnogorci (Mladenović): Dokumenti javne politike o kvalitetu vazduha
18.30	
19.00	Mladen Dumitrašković: Društvene mreže kao izvor informacija o kvalitetu vazduha
19.30	
20.00	Spolna (Koparović): Procedure ulaska javnosti u proces donošenja odluka
20.30	
20.00	Pitanja i diskusija
20.30	
24. 02. 2021.	
18.00	Dr. Snežana Jerbić: Donesite nam kvalitetan kvalitet vazduha
19.00	
19.00	Dr. Brankica Aleš: Uticaj kvaliteta vazduha na zdravlje ljudi i mere zaštite
20.00	
20.00	Pitanja i diskusija
20.30	
20.30	Evaluacija seminara
21.00	

Inicijativa za izradu Procene uticaja na životnu sredinu rudarskih objekata koji se grade za potrebe ventilacije rudnika Jam u Boru

Nacrt zakona o rudarstvu treba da stvara i uslove za zaštitu životne sredine i održivi razvoj lokalne zajednice.

SAM ĆU - MOGU JA...

- Ako je jedan, sigurno može da odleti
- Ali ako ih je više možemo ostati bez teksta i zbunjeni stati.

Uhvati goluba



Za kraj

DAKLE...

- ▶ Informacija ima...
- ▶ Znamo li šta radimo sa njima...?
- ▶ Znamo li kada i kako treba da reagujemo...?

- ▶ A da se ne izgubimo
 - ▶ u mnoštvu Informacija...
 - ▶ u mnoštvu propisa i procedura...

Za kraj

- POTREBNO JE:

- ZNANJE I
- ORGANIZOVANOST
- SARADNJA AKTERA

Za kraj