



PROGRESS IN ENVIRONMENTAL MONITORING AND ASSESSMENT

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ACCESS TO ENVIRONMENTAL INFORMATION

Legal framework

- Law no.1515 /1993 on environment protection;
- Law no. 1422/1992 on air protection;
- New Law no. 98 /2022 on ambient air quality
- Environmental Strategy (Government Decision no. 301/2014),
- Law no.852 /2002 on approving of the Regulation on trade regime and regulating of the use of halogenated hydrocarbons that deplete the ozone layer.
- Law no. 227 /2022 regarding industrial emissions
- LAND CODE, no. 828 /1991,
- G D. no. 1157/2008 regarding the approval of the Technical Regulation "Soil protection measures in agricultural practices";
- Water Law no. 272/2011
- G D. no. 763/2013 regarding the Regulation of the State Water Cadaster.
- GD no. 890 /2013 for the approval of the Regulation on environmental quality requirements for surface waters
- G D no. 932 /2013 for the approval of the Regulation on the systematic monitoring and record of the state of surface water and underground water.

Institutional cooperation

Ministry of Environment

Environmental Agency

National Bureau of Statistics

Agency "Apele Moldovei"

Environmental Protection Inspectorate

Agency for Geology and Mineral Resources

E-governance Agency

State Hydrometeorological Service

Institute of Ecology and Geography

Agency for Regulation of Nuclear and Radiological

Activities

Agency for Land Relations and Cadastre of Moldova

State Agency MOLDSILVA

Aarhus Centers/ECSOs

THE ENVIRONMENTAL QUALITY MONITORING NETWORK

Priority objectives:

- monitoring of the environmental quality and determining the pollution level;
- ✓ detection of extremely high pollution of surface water, air and soil;
- ✓ prevention and mitigation of anthropogenic impact on the environment and population;
- ✓ emergency warning about extremely high pollution of environmental objects;
- ✓ systematic informing of the public on the environmental quality.

General
Directorate:
Environmental
Reference
Laboratory

Air Quality Laboratory

Waste Laboratory

Laboratory catory for

Laboratory for Environmental Radioactivity



Soil Quality Laboratory

Water Quality





ENVIRONMENTAL COMPONENT MONITORING NETWORK

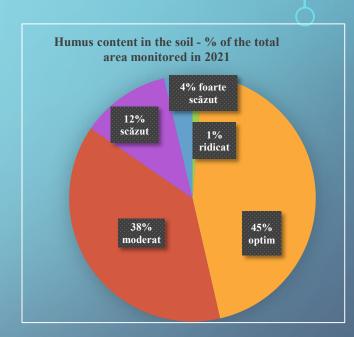


Soil quality monitoring:

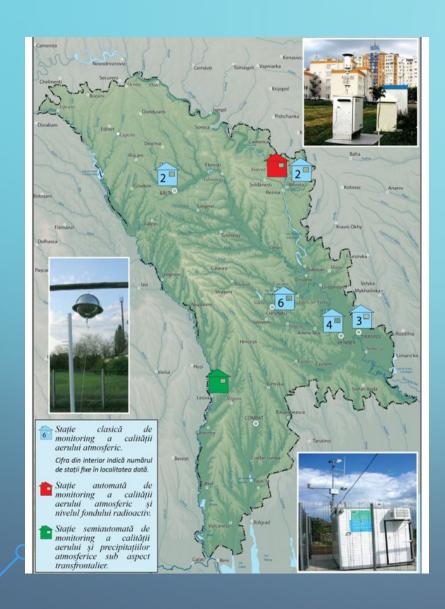
- ✓ agricultural lands;
- √ recreation areas;
- √ in industrial cities;
- ✓ sediments in the Prut river and
- Costești lake.
- ✓ near Chisinau International Airport.

Surface water quality monitoring:

- ✓ Rivers
- ✓ Lakes
- General conditions(23 general parameters)
- Specific pollutants
- Heavy metals
- Priority substances(15 organochlorine pesticides,16 polyaromatic hydrocarbons),
- Hydrobiological elements



ATMOSPHERIC AIR QUALITY MONITORING NETWORK



18 air quality control stations, 17 located in 5 large

industrialized centers of the country:

Chisinau

Balti

Ribnita

Tiraspol

Bender

Leova - Cross-border post

Monitoring is carried out according to a set schedule (three times a day 700,1300,1900)

Basic pollutants:

Specific pollutants:

Total powder Soluble sulfates

•Sulf dioxide Nitric oxide

 Carbon monoxide Phenol

Nitrogen dioxide Formaldehyde

•PM 2,5 mkm, PM10 mkm

THE MODERNIZATION AND UPGRADING OF NATIONAL MONITORING NETWORKS, IN PARTICULAR ON AIR

With the support of the German cooperation agency (GIZ), starting in June 2021, the first automated traffic-type air quality monitoring station was put into operation.



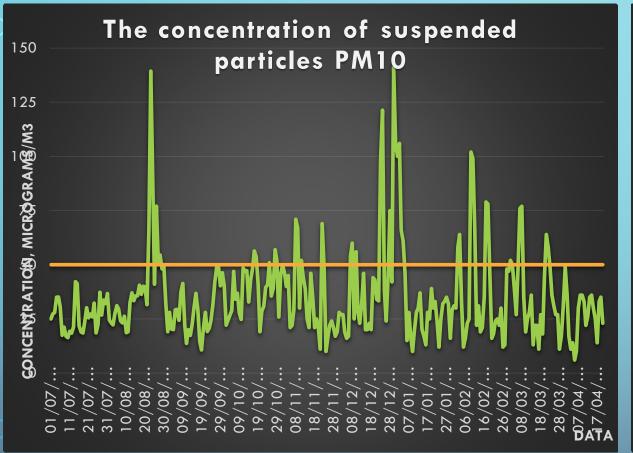


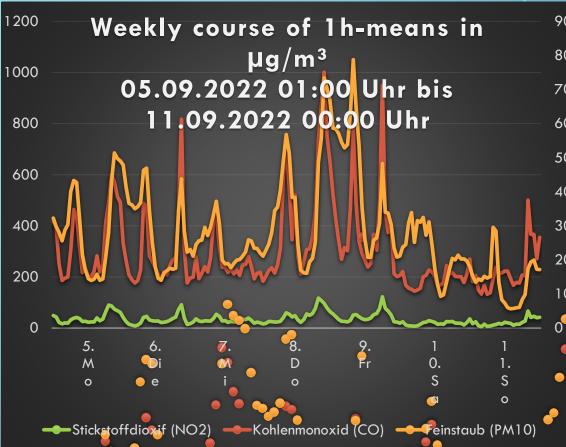


Monitored pollutants:

nitrogen oxides(NO,NO2); sulfur dioxide; ozone; carbon monoxide; suspended particles PM10

DATA EVALUATION





IMPORTANCE OF ACCREDITATION OF TESTING CENTERS OF THE MONITORING SYSTEM

CENTRUL NAȚIONAL DE ACREDITARE DIN REPUBLICA MOLDOVA MOLDAC

str. Vasile Alecsandri, I, oficiul 205, MD-2009, mun. Chişinău, Republica Moldova





MOLDAC este semnatar EA - MLA pentru încercări

CERTIFICAT DE ACREDITARE

MOLDAC declară că:

LABORATORUL DE REFERINȚĂ DE MEDIU DIN CADRUL AGENTIEI DE MEDIU

Adresa juridică/sediul central: MD-2005, mun. Chişinău, str. Albişoara, 38, cod CUIIO 39062856

Adresa locației: MD-2072, mun. Chișinău, str. Grenoble, 134

satisface cerințele SM EN ISO/IEC 17025:2018 și este competent să efectueze încercările definite în Anexa la prezentul Certificat de Acreditare.

Certificatul este valabil numai însoțit de Anexa cu modificarea nr. 1 din 27.05.2022, care constituie parte integrantă a acestui Certificat de Acreditare.

Acreditarea acordată este valabilă cu condiția îndeplinirii în mod continuu a criteriilor de acreditare stabilite de MOLDAC.

Data acreditării inițiale: 18 martie 2021
Data ultimei modificări: 27 mai 2022
Data expirării: 17 martie 2025

Directo

Iurie FRIPTULEAC

Reproducerea parțielă a acestui Certificat este interzisă Valghilitatea prezentului Certificat poate fi wrificată pe site-ul muniacreditare mi Environment Reference Laboratory is accredited according to the international standard SM SR EN ISO/CEI 17025:2006 "General requirements for the competence of testing and calibration laboratories" which gives veracity to the monitoring data, a requirement stipulated for example for the national surface water quality monitoring laboratory in HG no. 932 of 20.11.2013, art. 75-76. And the Laboratory for Soil Quality is the only one in the country accredited for the investigation of agrochemical parameters and residues of persistent organic pollutants in the soil so it is of enormous importance for an agrarian country.

DISSEMINATION (ENVIRONMENT AGENCY):

Agenția de Mediu

a reținerea maselor de aer cu nivel înal

noluare Nivelul noluării aerului este

regnezat ca Redus. Se prevede e situație

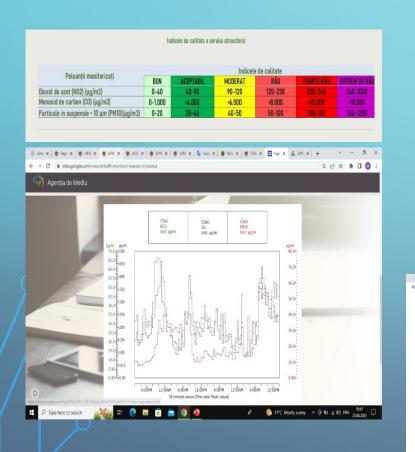
nesemnificativ asupra sănătății umane și a mediului înconjurător. Pentru populație nu sunt propuse careva recomandări. Agentii

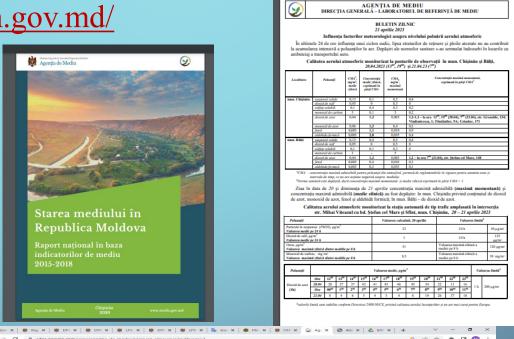
emisjilor activează în regim obișnuit

The information on the air pollution level is operationally displayed on the EA web

site-www.am.gov.md in the form of maps, graphs, daily bulletin on air pollution,

alert bulletin: https://www.am.gov.md/





Conditiile meteorologice vor contribui la

tinerea maselor de aer cu nivel înalt de

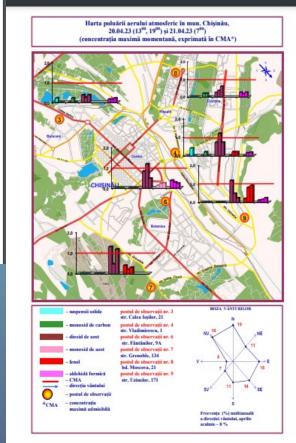
nefavorabile pentru dispersia noxelor și vo

contribui la retinerea maselor de ser cu

Nivelul poluării aerului este prognozat ca Extrem de înalt. Se prevede depășirea de

acumularea noxelor în stratul de aer de la

Situatia ecologică se prevede nefavorabil



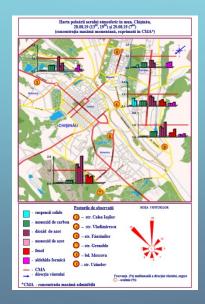
DISSEMINATING ENVIRONMENTAL INFORMATION



Open Data portal – environmental data sets

Environmental Agency

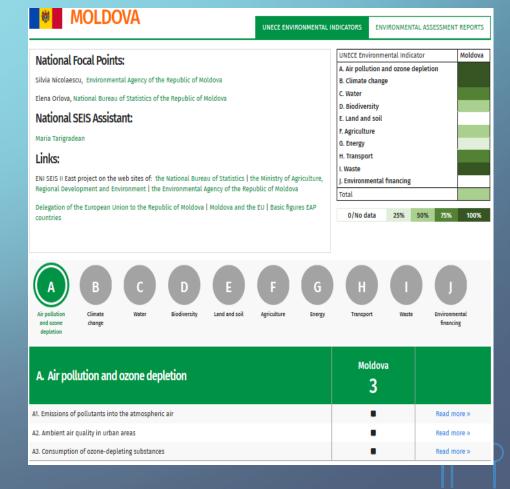
- Informational Systems; Website and Social Mediu by type of info;
- Cadasters, Registers, bulletin with environmental information
- Sharing information upon request under the Law on public
 Caccess to information





ENI SEIS II East web site

Other Environmental
Reports/Sectoral
Reports published by
state institutions



NATIONAL BUREAU OF STATISTICS

Environment



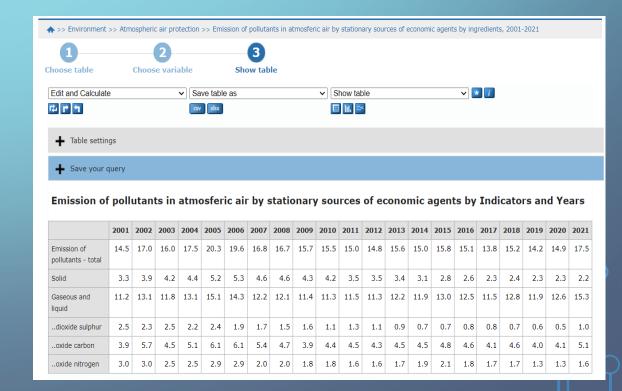
Meteorology Water use Atmospheric air protection Emission of pollutants in atmosferic air by stationary sources of economic agents by ingredients, 2001-2021 🛍 Emission of specific polluting substances in atmosferic air by stationary sources of economic agents, 2001-2021 🛗 Capture by the purification plants of polluting substances formed on stationary sources of atmosferic air pollution of economic agents, 2001-2021 Polluting substances emitted in atmosferic air by road transport by substances, 2001-2021 🛗 🗋 Emission of pollutants in atmosferic air by stationary sources of economic agents, in territorial aspect, 2008-2021 🛗 Emission of pollutants in atmosferic air by stationary sources of economic agents by ingredients, in territorial aspect, 2017-2021 🛗 Wastes Land and forest fund City infrastructure Current expenditures for environment protection and ecological payments

WWW.STATISTICA.GOV.MD

Metadata, concepts and methodologies Reference metadata

see other

- > Atmospheric air protection, generation and use of waste
- > Expenditures on environment protection



STATISTICAL PUBLICATIONS

ANUARUL STATISTIC
AL REPUBLICII MOLDOVA

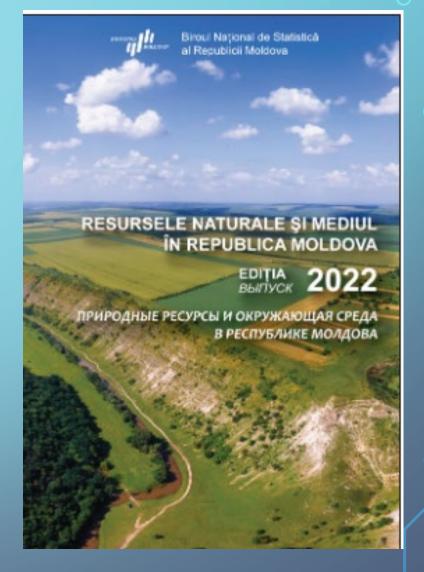
EDIŢIA BЫПУСК EDIŢION 2022

СТАТИСТИЧЕСКИЙ ЕЖЕГОДНИКРЕСПУБЛИКИ МОЛДОВА

STATISTICAL YEARBOOK
OF THE REPUBLIC OF MOLDOVA







Thank you for your attention!

www.am.gov.md

www.statistica.gov.md