



**United Nations Economic Commission for Europe**

**Working Group on Environmental Monitoring and Assessment**

**Report on the progress made at the national level in environmental monitoring and assessment**

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This questionnaire was designed to collect information on the results of the main actions taken by countries in the field of environmental monitoring and assessment since the last session of the Working Party (6-7 May 2019). The purpose of the questionnaire is to assess to what extent and how your country has made progress in environmental monitoring and assessment, including through the use of the Common Environmental Information System (SEIS) and the regular production of quality environmental indicators at the national level. In this way, in the end, the Working Group could identify the existing needs of your country that need to be met in the future in order to ensure regular reporting and evaluation in accordance with international requirements and obligations in the field of monitoring and evaluation.

The main objectives of this questionnaire are:

- Determine if countries regularly prepare reports, analyzes and assessments of the state of the environment, including using environmental indicators and SEIS
- Ensure that monitoring networks are modernized and that data quality assurance systems, control mechanisms and data management are in place and are being improved where necessary, especially in the areas of water, air and soil monitoring and data management ;
- Analyze improvements in national environmental policy that take into account all three pillars of SEIS (namely content, infrastructure and cooperation)
- Reflect progress in the implementation of relevant recommendations made in the framework of national environmental performance reviews (EPRs)
- Predict the challenges that the Working Group will have to solve in the coming years regarding institutional, regulatory mechanisms and infrastructure at the national level

If you would like to receive more detailed information, or if you have any questions, please contact us at [WGEMASec@un.org](mailto:WGEMASec@un.org) .

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Information about the person filling out the questionnaire

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Has your country prepared any state of the environment report, analysis or assessment in the field of environmental information or indicators since May 2019, including using SEIS?

**Yes**

**No**



Please indicate which environmental report, analysis or assessment was prepared and provide a website link, if available.

Report, analysis or assessment	
1	National report on the state of the environment and the use of natural resources in the Republic of Kazakhstan for 2018 <a href="http://ecogofond.kz/kz-2018-zhylda-y-aza-stan-respublikasyny-tabii-resurstaryn-pajdalanu-zh-ne-orsha-an-ortany-zhaj-k-ji-turaly-ltty-bajandama-ru-nacionalnyj-doklad-o-sostojanii-okruzhajushhej-sredy-i-ob-ispolzovanii-pr/">http://ecogofond.kz/kz-2018-zhylda-y-aza-stan-respublikasyny-tabii-resurstaryn-pajdalanu-zh-ne-orsha-an-ortany-zhaj-k-ji-turaly-ltty-bajandama-ru-nacionalnyj-doklad-o-sostojanii-okruzhajushhej-sredy-i-ob-ispolzovanii-pr/</a>
2	National report of the Republic of Kazakhstan on the inventory of anthropogenic emissions from sources and removals by sinks of greenhouse gases not regulated by the Montreal Protocol  <a href="http://zhasyldamu.kz/images/NIR/NIR_Kazakhstan_2017%202019.pdf">http://zhasyldamu.kz/images/NIR/NIR_Kazakhstan_2017%202019.pdf</a>
3	National Report based on OECD Green Growth Indicators <a href="https://stat.gov.kz/api/getFile/?docId=ESTAT338237">https://stat.gov.kz/api/getFile/?docId=ESTAT338237</a>

Please indicate the main changes that have been made to improve the performance of national monitoring networks, in particular in the area of air, water and soil.

Changes	
1	The coverage of the territory by environmental monitoring has been increased by increasing observation points.
2	The normative document on the assessment of the quality of surface waters of the Republic of Kazakhstan "Unified system of classification of water quality in water bodies" has been improved.

## What measures have been taken in your country to improve the quality, control and management of data?

Measures
<p>Over the past year, the Committee on Statistics has been working to expand access to official statistical information: channels for disseminating data through social networks (YouTube, Facebook, Telegram, Instagram) have been expanded, the interface and design of the official website of the Committee on Statistics has been changed (convenient navigation on the website), a version for the visually impaired is available, a mobile version for smartphones has been launched (with an Android, iOS application) and tablets.</p>
<p>1 The quality assessment of official statistical information is carried out in accordance with the Methodology for assessing the quality of official statistical information, approved by order of the Chairman of the Committee on Statistics of the Ministry of National Economy of the Republic of Kazakhstan dated May 23, 2018, No. 63. In accordance with which the Quality assessment of official statistical information is carried out on the basis of information, presented in the Quality Reports by the structural divisions of the Committee, which generate official statistical information. Quality reports are posted on the official website of the Committee on Statistics <a href="https://stat.gov.kz/official/economic_quality">https://stat.gov.kz/official/economic_quality</a></p>
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<p>4</p>
<p>5</p>

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What changes have occurred in your country in terms of data policy, institutional and regulatory frameworks and what technical solutions have been adopted to facilitate and improve the exchange of data between stakeholders (ministries of the environment, environmental agencies and ministries of agriculture, energy, health, industry, transport and water

resources) and other users, including the public?

Mechanisms and solutions	
1	Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan established (By decree of the Head of State dated June 17, 2019)
2	A new draft of the Environmental Code has been developed and is under consideration by the Parliament.  An Agreement was signed on the implementation of the integration of the integrated information system "E-statistics" of the Committee on Statistics and the information system "State Cadastres of Natural Resources of the Republic of Kazakhstan" of the Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan on October 24, 2019.
3	An Agreement on the implementation of the integration of the integrated information system "E-statistics" of the Committee on Statistics and the Unified Information System of Environmental Protection of the Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan was signed on October 24, 2019.
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Has your country made any data policy changes in the last year?

Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments: For the period 2019-2020 in the field of statistical activity, no data policy regulations have been made.

If yes, please indicate these changes.

Changes
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Please provide a list of actions that your country has taken in order to

implement the recommendations on environmental monitoring and assessment in the most recent National Environmental Performance Reviews (EPRs).

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## Actions

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In the field of statistics:

The list of published indicators within SEIS has been expanded.

- 1 Currently, the official website of the Committee on Statistics contains statistics on 42 UNECE environmental indicators, along with full information on metadata.

<https://stat.gov.kz/ecologic/indicator>

- 2 The Committee on Statistics, within the framework of the new Environmental Code, together with the MEGPR, plans to optimize nationwide observations on municipal waste and administrative records of solid waste, industrial and hazardous waste by combining them into a single record of all types of waste based on a waste inventory report. This will reduce the burden on respondents and ensure the quality and reliability of data at the republican and regional levels.

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What are the main challenges your country faces in terms of institutional, regulatory frameworks and infrastructure at the national level?

### Challenges

1 In light of the growing interest in environmental information, there is interest in primary statistical information related to environmental protection. Confidentiality of primary statistical information is provided for by the Law of the Republic of Kazakhstan "On State Statistics". In this regard, there is a conflict between the implementation of the obligations of the provisions of the Aarhus Convention on access to environmental information and national legislation in the field of statistics. In this regard, the international experience in overcoming similar contradictions is interesting.

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**Please provide any additional information that you think is relevant to this topic. Please also indicate how the Working Group could contribute to the creation of a better environment for environmental monitoring and**

**assessment in your country and region.**

There is a need for information on existing procedures, methods and tools for data validation on environmental statistics, as well as a mechanism for verifying the reliability of data provided in the framework of administrative records.