0.a. Goal

Goal 6: Ensure adequate and sustainable management of water resources and sanitation for all

0.b. Target

Target 6.4: By 2030, significantly increase water use efficiency in all areas, ensure a sustainable supply of clean water to address water scarcity, and significantly reduce the number of people suffering from scarcity. country. Ensure that water extraction does not exceed the extraction limit for rivers, and does not exceed exploitable reserves for aquifers (global 6.4 target)

0.c. Indicator

Indicator 6.4.1. The proportion of large reservoirs is controlled and monitored to ensure that the minimum flow of the river basin is maintained

0.e. Metadata update

June 2021

1.a. Organisation

Ministry of Natural Resources and Environment

1.f. Contact mail

No. 10 Ton That Thuyet - Hanoi

1.g. Contact email

portal@monre.gov.vn

2.a. Definition and concepts

The percentage of large reservoirs that are controlled and monitored to ensure that the minimum flow of a river basin is maintained is the percentage of large reservoirs that are controlled and monitored to ensure that the minimum flow of the river basin is maintained. river basins compared to the total number of large reservoirs.

Large reservoir includes:

a) Reservoir works to exploit surface water for power generation with an installed capacity of over 50kW, including irrigation works combined with hydroelectricity;

b) Reservoir works for exploitation of surface water with a scale of over 0.1m ^{3} /sec for water supply for agricultural and aquaculture production; over 100m ^{3} /day and night for water supply for other purposes.

Control and supervision are carried out in accordance with regulations of the Ministry of Natural Resources and Environment.

Minimum flow is the flow at the lowest level necessary to maintain a river or river section in order to ensure the normal development of the aquatic ecosystem and ensure a minimum level for exploitation and use. water resources of water users.

2.c. Classifications

Not applicable

3.a. Data sources

Administrative data.

3.b. Data collection method

Indicators are compiled from administrative data of the Ministry of Natural Resources and Environment

3.d. Data release calendar

Year

3.e. Data providers

Ministry of Natural Resources and Environment

3.f. Data compilers

Ministry of Natural Resources and Environment

4.a. Rationale

This is an important indicator to increase the efficiency of water use in all fields, to ensure a sustainable source of clean water in order to solve the water scarcity situation. Ensure that water exploitation does not exceed the exploitation limit for rivers, and does not exceed exploitable reserves for aquifers

4.b. Comment and limitations

By 2016, the entire year-round operation process (flood season and dry season) for 11 river basins has been issued, creating a legal basis for the management, rational and more efficient use of water resources. of reservoirs for irrigation and hydroelectricity; linking the operation mode of the work with the requirements on flood prevention and control and water regulation downstream of the lakes. Currently, the master plan on water resources for the period 2020-2035 in the provinces and cities across the country is being built and completed.

4.c. Method of computation

Method of computation

Công thức tính:

$$\text{Tỷ lệ hồ chứa lớn được kiểm soát, giám sát để bảo đảm duy trì dòng chảy tối thiểu của lưu vực sông (\%)} = \frac{\text{Số hồ chứa lớn được kiểm soát, giám sát để bảo đảm duy trì dòng chảy tối thiểu của lưu vực sông}}{\text{Tổng số hồ chứa lớn}} \times 100$$

5. Data availability and disaggregation

General figures for 2020 only

(Published source: 2020 national report on 5-year progress towards implementation of sustainable development goals. Data from the Ministry of Natural Resources and Environment)

6. Comparability/deviation from international standards

The indicator reflects Vietnam's sustainable development goals (target 6.4), which is not included in the Global Sustainable Development Indicators Set.

7. References and Documentation

Circular No. 03/2019/TT-BKHDT dated January 22, 2019 stipulating the set of statistical indicators for sustainable development of Vietnam;

- 2020 country report on 5-year progress towards implementation of sustainable development goals

- https://unstats.un.org/sdgs/metadata/