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**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 21678-2018**

Replacing GB/T 21678-2008

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**Calculating methods on the economic loss of fishery pollution  
accidents**

渔业污染事故经济损失计算方法

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## Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 21678-2008 "Calculation Method for Economic Loss of Fishery Pollution Accidents". Compared with GB/T 21678-2008, the main technical contents of this standard are as follows:

- Added content on the scope (see Chapter 1);
- Increased the citation standard in normative references (see Chapter 2);
- Revised the definition of fishery pollution accidents (see 3.1, 3.1 of the.2008 edition);
- Revised the definition of the area of pollution (see 3.2, 3.2 of the.2008 edition);
- Revised the scope of application of the direct calculation method (see 4.1.1, 4.1.1 of the.2008 edition);
- Removed the content of the round-up statistical method (see 4.4 of the.2008 edition);
- Removed the content of the production effect method (see 4.8 of the.2008 edition);
- Revised the calculation formula and related content of the fixed-point mining method (see 4.3.2,

## 1 Scope

GB/T 21678-2018 is the Chinese national standard on calculating methods on the economic loss of fishery pollution accidents, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 7 June 2018 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2019. Classification: ICS 13.020.99, CCS B50. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the method for assessing the loss of fishery organisms in fishery pollution accidents, the assessment of economic losses in fishery pollution accidents and other regulations. This standard applies to the assessment of natural fishery resources, fish farming organisms and economic losses of fishery production caused by external pollution in fishery waters. The economic loss calculation of fishery damage caused by other reasons can be used as reference.

## 2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 3097 seawater quality standard

GB 3838 Surface Water Environmental Quality Standard

GB 11607 Fishery Water Quality Standard

GB 18421 Quality of marine life

GB 18668 Marine sediment quality

NY/T 5361 environmental conditions for freshwater aquaculture producing areas of pollution-free agricultural products

## 3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Fishery pollution accident fisherypollutionaccident Units or individuals introduce certain substances and energy into fishery waters, as well as by accidental factors or irresistible natural disasters. Due to the pollution of the fishery environment, damage to the use of fishery waters, resulting in the death, quantity and quality of fishery organisms, affecting

fisheries The facts of reproduction, growth and fishery production.

3.2 Pollution area polluted area Due to pollution, certain environmental factor indicators in fishery waters exceed GB 3097, GB 3838, GB 11607, GB 18421, The provisions of GB 18668, NY/T 5361 or the area of the water that caused the fishery damage facts.

#### **4.1 Direct calculation method**

4.1.1 Scope of application This method is applicable to the assessment of the loss of fishery resources in natural fishery waters (excluding the scope of assessment of 4.3) and.

- Have a history of fishery resources survey for 2 years in the past 5 years before the accident;
- Have a field survey of fishery resources after the accident.