



Aquatic Code and Manual

Why are they important and how to use them?

Aquatic Animal Health Code



WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals. preserving our future

Aquatic Animal Health Code



2018
21st
Edition



Purpose of the Aquatic Code?

Provides standards for the improvement of aquatic animal health worldwide - *also includes standards for the welfare of farmed fish and use of antimicrobial agents in aquatic animals*

Recommends measures to be used by Veterinary Authorities or other Competent Authorities:

- *for early detection, reporting and control of pathogenic agents in aquatic animals (amphibians, crustaceans, fish and molluscs)*
- *to prevent their spread via international trade in aquatic animals and their products, while avoiding unjustified sanitary barriers to trade*

Critical aspects of the *Aquatic Code and Manual*

- Use them as international standards to evaluate and determine measures to use to protect aquatic animal health associated with trade of aquatic animals and their products
- Ensure that the application of the standards for national health measures are in accordance with obligations under the WTO SPS Agreement.

Use the Aquatic Code to:

- provide guidance for the setting up and implementation of efficient aquatic animal health policies at national level
- evaluate and determine measures to ensure safe trade of aquatic animals and their products
- evaluate the Quality of the Aquatic Animal Health Services (the Competent Authority)
 - the 'OIE PVS Tool: Aquatic' enables a formal evaluation of an AAHS
- to establish baseline arguments to establish *equivalence* for trade negotiations
- to establish cost-effective risk mitigation measures for trade
- use the *Codes* and *Manuals* to challenge scientific unjustifiable sanitary measures of trading partners.

NEW

OIE GLOBAL SITUATION REPORT FOR AVIAN INFLUENZA IN ANIMALS

June 2018

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Ebola Virus Disease

2018 RINDERPEST DISEASE ALERTS

29.10.18 African swine fever, Romania

Registration

THEMES

ONE HEALTH



STRENGTHENING VETERINARY SERVICES



ANIMAL DISEASES



ANTIMICROBIAL RESISTANCE



BIOLOGICAL RISKS



STANDARDS AND INTERNATIONAL TRADE



ANIMAL WELFARE

FOOD SAFETY

[View more themes](#)

WAHIS PORTAL
 Animal Health Data

KEY DATES

20-25 MAY 2018
 98th General Session of the World Assembly of OIE Delegates

6-7 SEPTEMBER 2018
 Global Conference: Partnering and Investing for a PPR-free World

29-31 OCTOBER 2018
 2nd OIE Global Conference on Antimicrobial Resistance and the Prudent use of Antimicrobials in Animals

PUBLICATIONS

ONLINE BOOKSHOP
 International standards, periodic publications, monographs, proceedings of international conferences...

CATALOGUE
 Useful references for hundreds of publications available in the OIE bookshop

ANNUAL REPORT

DOCUMENTARY DATABASE

 Tweets by [@OIEAnimalHealth](#)

OIE Animal Health
 @OIEAnimalHealth

The OIE Rinderpest Challenge is officially closed. Thank you for your help finding the source of the virus outbreak soon enough to avoid its spread worldwide. Find out the winner on November 29th.

THE OIE IN BRIEF

PRESS ROOM
 Press information, press releases, fact sheets, infographics...

PARTNERS
 Collaboration agreements with regional and world organisations of a public and private nature

THE OIE FROM A TO Z
 Documents, information and key data to discover everything about the OIE

NEWS FROM THE REGIONS


[AMERICAS](#) [AFRICA](#) [EUROPE](#) [MIDDLE EAST](#) [ASIA AND THE PACIFIC](#)

Standard Setting

> Overview

> Terrestrial Code

> Terrestrial Manual

> Aquatic Code

> Access online

> Aquatic Manual

> Specialists commissions & working & ad hoc Groups

> Implications of private standards

Aquatic Animal Health Code

Index ← ↑ →

Aquatic Animal Health Code (2018)

Contents

[Foreword](#)

[User's guide](#)

[Glossary](#)

SECTION 1.

- [Chapter 1.1.](#)
- [Chapter 1.2.](#)
- [Chapter 1.3.](#)
- [Chapter 1.4.](#)
- [Chapter 1.5.](#)

SECTION 2.

- [Chapter 2.1.](#)

SECTION 3.

- [Chapter 3.1.](#)
- [Chapter 3.2.](#)

SECTION 4.

- [Chapter 4.1.](#)
- [Chapter 4.2.](#)
- [Chapter 4.3.](#)
- [Chapter 4.4.](#)
- [Chapter 4.5.](#)
- [Chapter 4.6.](#)
- [Chapter 4.7.](#)
- [Chapter 4.8.](#)

SECTION 5.

- [Chapter 5.1.](#)
- [Chapter 5.2.](#)
- [Chapter 5.3.](#)

- [Chapter 5.4.](#)
- [Chapter 5.5.](#)
- [Chapter 5.6.](#)
- [Chapter 5.7.](#)

- [Chapter 5.8.](#)
- [Chapter 5.9.](#)
- [Chapter 5.10.](#)
- [Chapter 5.11.](#)

SECTION 6.

NOTIFICATION, DISEASES LISTED BY THE OIE AND SURVEILLANCE FOR AQUATIC ANIMALS

- Notification of diseases, and provision of epidemiological information
- Criteria for listing aquatic animal diseases
- Diseases listed by the OIE
- Aquatic animal health surveillance
- Criteria for listing species as susceptible to infection with a specific pathogen

RISK ANALYSIS

- Import risk analysis

QUALITY OF AQUATIC ANIMAL HEALTH SERVICES

- Quality of Aquatic Animal Health Services
- Communication

DISEASE PREVENTION AND CONTROL

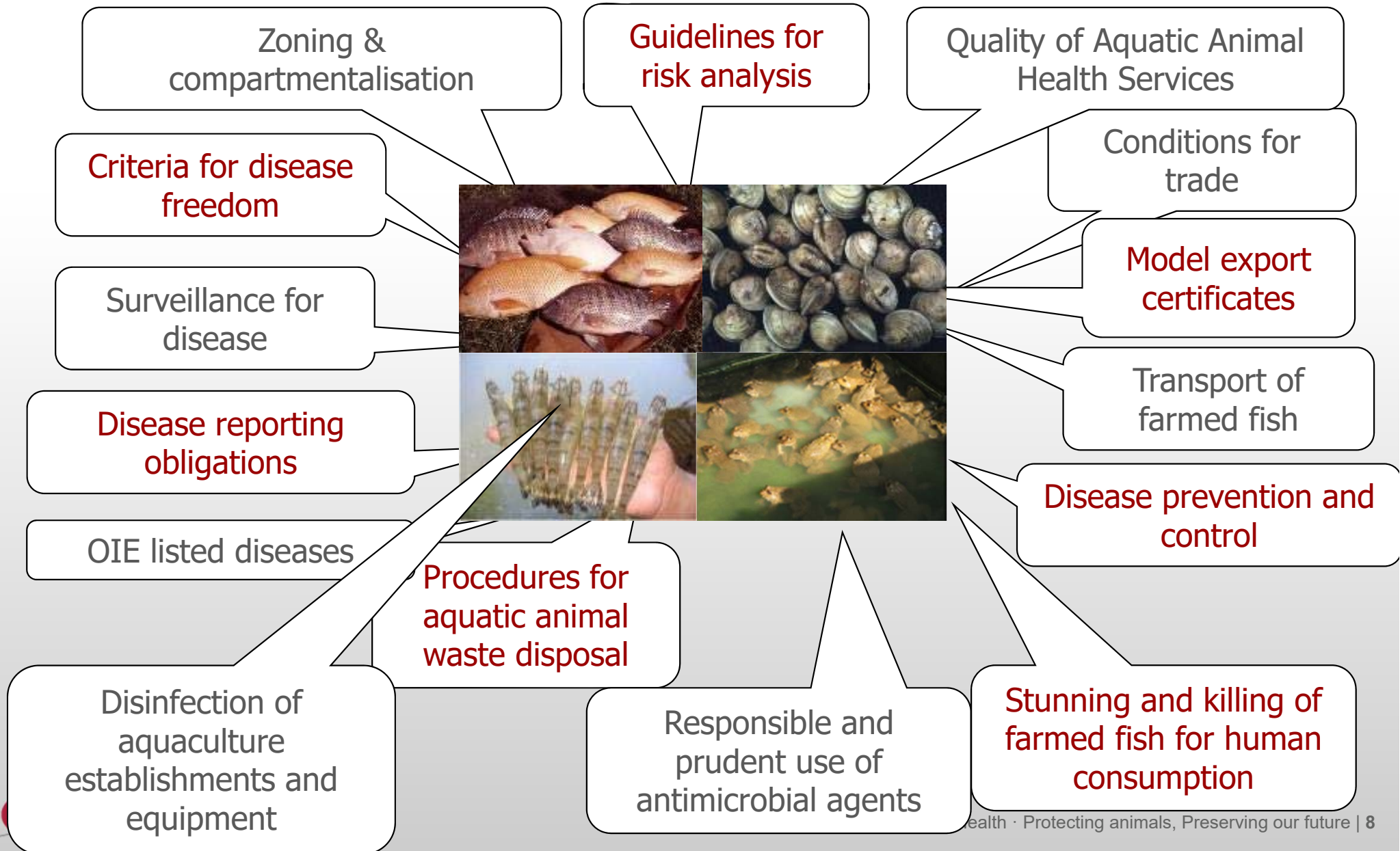
- Zoning and compartmentalisation
- Application of compartmentalisation
- Disinfection of aquaculture establishments and equipment
- Recommendations for surface disinfection of salmonid eggs
- Contingency planning
- Fallowing in aquaculture
- Handling, disposal and treatment of aquatic animal waste
- Control of pathogenic agents in aquatic animal feed

TRADE MEASURES, IMPORTATION/EXPORTATION PROCEDURES AND HEALTH CERTIFICATION

- General obligations related to certification
- Certification procedures
- OIE procedures relevant to the Agreement on the Application of Sanitary and Phytosanitary Measures of the World Trade Organization
- Criteria to assess the safety of aquatic animal commodities
- Control of aquatic animal health risks associated with transport of aquatic animals
- Aquatic animal health measures applicable before and at departure
- Aquatic animal health measures applicable during transit from the place of departure in the exporting country to the place of arrival in the importing country
- Frontier posts in the importing country
- Aquatic animal health measures applicable on arrival
- Measures concerning international transport of aquatic animal pathogens and pathological material
- Model health certificates for international trade in live aquatic animals and products of aquatic animal origin

ANTIMICROBIAL USE IN AQUATIC ANIMALS

Information available in the *Aquatic Code*



Aquatic Code – ‘Horizontal’ chapters

User’s guide

Glossary

SECTION 1.

Chapter 1.1.

Chapter 1.2.

Chapter 1.3.

Chapter 1.4.

Chapter 1.5.

SECTION 2.

Chapter 2.1.

SECTION 3.

Chapter 3.1.

Chapter 3.2.

NOTIFICATION, DISEASES LISTED BY THE OIE AND SURVEILLANCE FOR AQUATIC ANIMALS

Notification of diseases, and provision of epidemiological information

Criteria for listing aquatic animal diseases

Diseases listed by the OIE

Aquatic animal health surveillance

Criteria for listing species as susceptible to infection with a specific pathogen

RISK ANALYSIS

Import risk analysis

QUALITY OF AQUATIC ANIMAL HEALTH SERVICES

Quality of Aquatic Animal Health Services

Communication

Aquatic Code – 'Horizontal' chapters (continued)

SECTION 4.

DISEASE PREVENTION AND CONTROL

- Chapter 4.1. Zoning and compartmentalisation
- Chapter 4.2. Application of compartmentalisation
- Chapter 4.3. **Disinfection of aquaculture establishments and equipment**
- Chapter 4.4. Recommendations for surface disinfection of salmonid eggs
- Chapter 4.5. Contingency planning
- Chapter 4.6. Fallowing in aquaculture
- Chapter 4.7. Handling, disposal and treatment of aquatic animal waste
- Chapter 4.8. Control of pathogenic agents in aquatic animal feed

SECTION 5.

TRADE MEASURES, IMPORTATION/EXPORTATION PROCEDURES AND HEALTH CERTIFICATION

- Chapter 5.1. General obligations related to certification
- Chapter 5.2. Certification procedures
- Chapter 5.3. OIE procedures relevant to the Agreement on the Application of Sanitary and Phytosanitary Measures of the World Trade Organization
- Chapter 5.4. Criteria to assess the safety of aquatic animal commodities
- Chapter 5.5. Control of aquatic animal health risks associated with transport of aquatic animals
- Chapter 5.6. Aquatic animal health measures applicable before and at departure
- Chapter 5.7. Aquatic animal health measures applicable during transit from the place of departure in the exporting country to the place of arrival in the importing country
- Chapter 5.8. Frontier posts in the importing country
- Chapter 5.9. Aquatic animal health measures applicable on arrival
- Chapter 5.10. Measures concerning international transport of aquatic animal pathogens and pathological material
- Chapter 5.11. Model health certificates for international trade in live aquatic animals and products of aquatic animal origin

Aquatic Code – ‘Horizontal’ chapters (continued)

SECTION 6.

Chapter 6.1.

Chapter 6.2.

Chapter 6.3.

Chapter 6.4.

Chapter 6.5.

ANTIMICROBIAL USE IN AQUATIC ANIMALS

Introduction to the recommendations for controlling antimicrobial resistance

Principles for responsible and prudent use of antimicrobial agents in aquatic animals

Monitoring of the quantities and usage patterns of antimicrobial agents used in aquatic animals

Development and harmonisation of national antimicrobial resistance surveillance and monitoring programmes for aquatic animals

Risk analysis for antimicrobial resistance arising from the use of antimicrobial agents in aquatic animals

SECTION 7.

Chapter 7.1.

Chapter 7.2.

Chapter 7.3.

Chapter 7.4.

WELFARE OF FARMED FISH

Introduction to recommendations for the welfare of farmed fish

Welfare of farmed fish during **transport**

Welfare aspects of stunning and killing of farmed fish for human consumption

Killing of farmed fish for disease control purposes

Disease specific chapters

Section 8: Diseases of Amphibians

- 3 OIE-listed amphibian diseases



Section 9: Diseases of Crustaceans

- 9 OIE-listed crustacean diseases



Section 10: Diseases of Fish

- 10 OIE-listed fish diseases



Section 11: Diseases of Molluscs

- 7 OIE-listed mollusc diseases



Each specific disease chapter includes:

Recommendations to prevent the disease in question being introduced into the importing country:

- case definition;
- susceptible host species;
- list of 'safe' commodities (irrespective of disease status);
- how to determine the free status of a country, zone or compartment;
- recommendations for importations of aquatic animal commodities from a country, zone or compartment declared free;
- recommendations for importations of aquatic animal commodities from a country, zone or compartment not declared free.

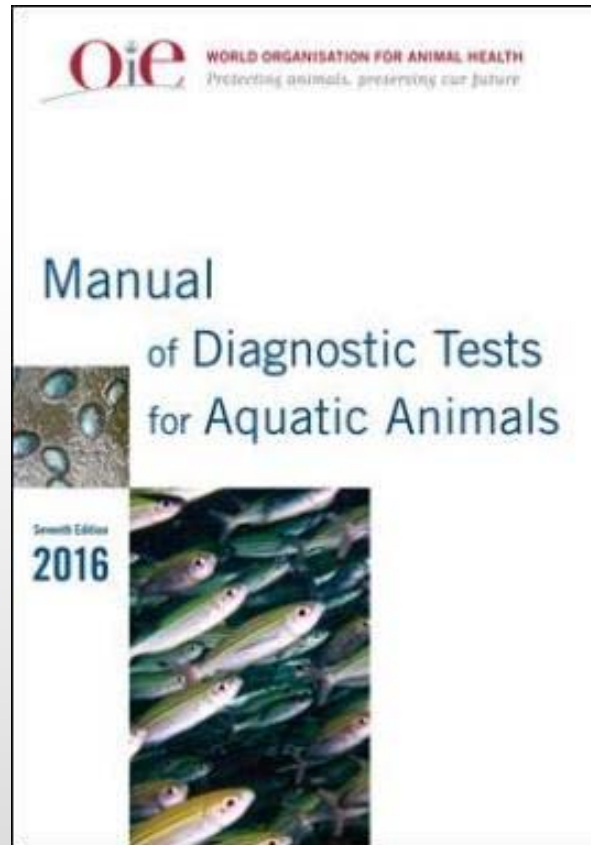
Aquatic Code Glossary

Defines terms that are used in a specific manner in the Code

Examples

- Disease means 'clinical or non clinical infection with one or more aetiological agents'
- Aquatic Animal Health Professional
- Aquatic Animal Health Services
- Competent Authority
- Veterinary Authority
- Certifying official
- Compartment

Manual of Diagnostic Tests for Aquatic Animals



Manual of Diagnostic Tests for Aquatic Animals

- provides information on diagnostic tests
- provides a uniform approach to the detection of the diseases listed in the OIE *Aquatic Code*
- ensures that the requirements for health certification in connection with disease prevention and control programmes, and trade in aquatic animals and their products can be met
- includes some chapters on de-listed diseases and non-listed diseases



Manual of Diagnostic Tests for Aquatic Animals

- new/revised chapters are always adopted at the OIE General Session
- 7th edition (printed edition) was adopted in 2016
- 7th edition (2016) is available in hard copy
- new printed edition produced every 3-4 years
- to manage the workload, a few chapters are revised each year
- chapters adopted at the General Session between printed editions are added to the web version,
 - thus, the on-line version is always the most recent

Standard Setting

[Overview](#)

[Terrestrial Code](#)

[Terrestrial Manual](#)
[Access online](#)

[Aquatic Code](#)

[Aquatic Manual](#)

[Specialists commissions & working & ad hoc Groups](#)

[Implications of private standards](#)

Any chapters adopted between printed editions are added to the web version, thus the on-line English version is always the most recent

Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018

Summary

-0-

- [Foreword](#)
- [Acknowledgements](#)
- [Introduction \(How to use this Terrestrial Manual\)](#)
- [List of tests for International trade](#)
- [Common abbreviations used in this Terrestrial Manual](#)



WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals, preserving our future

Thank you for your attention

12, rue de Prony, 75017 Paris, France

www.oie.int

media@oie.int - oie@oie.int

