



Dr Etienne Bonbon

President of the OIE Terrestrial Animal
Health Standards Commission

Overview of OIE standards,
structure and content.



Organisation
Mondiale
de la Santé
Animale

World
Organisation
for Animal
Health

Organización
Mundial
de Sanidad
Animal

The OIE international Standards

The OIE establishes standards for the improvement of animal health and welfare and veterinary public health worldwide, including the prevention of disease spread through international trade of animals and animal products.



OIE STANDARDS

- For disease prevention and control
- For quality of Veterinary Services/ Aquatic Animal Health Services
- For safe international trade

The OIE is **recognised by the WTO SPS Agreement** as the international standard setting organisation for animal health and zoonoses.

OIE standards contribute to a fairer rules-based trading system
➔ by supporting international harmonisation.



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The principles of OIE Standard setting process

Science-based



**Specialist Commissions
Working & Ad-hoc Groups**

Consensus-based



**2 Cycles of
comments by Delegates**

Inclusiveness

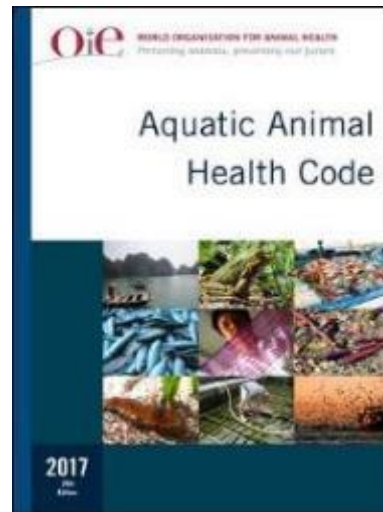
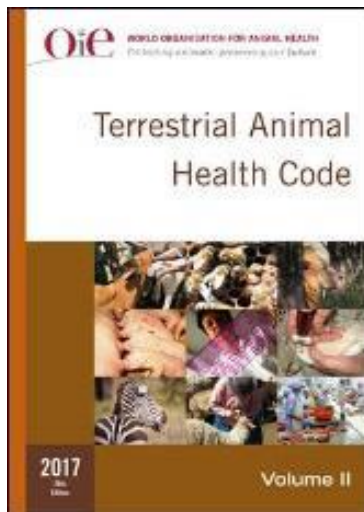
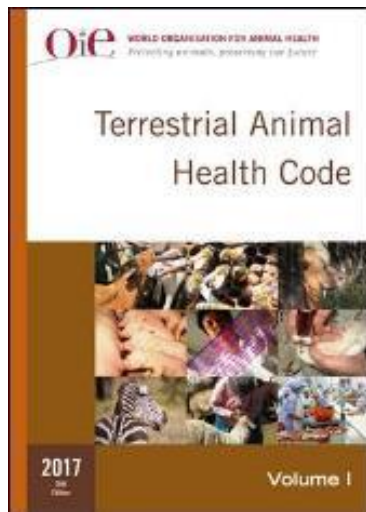


**Key role of Delegates to
consult national
stakeholders**

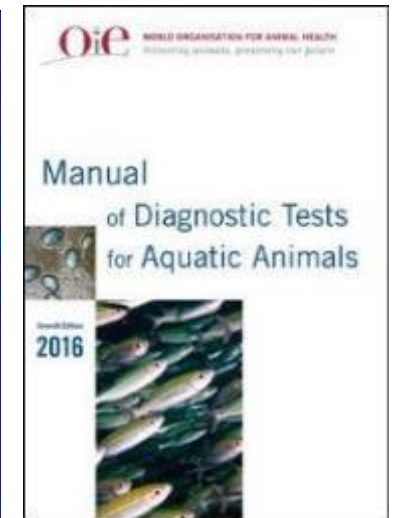
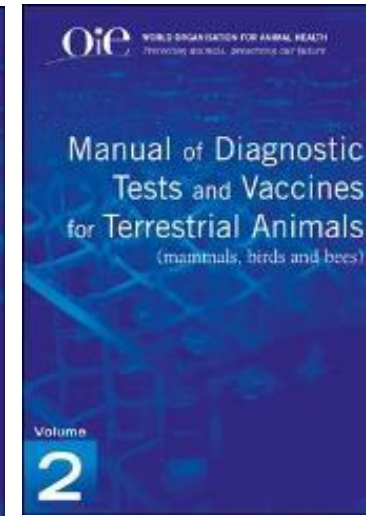
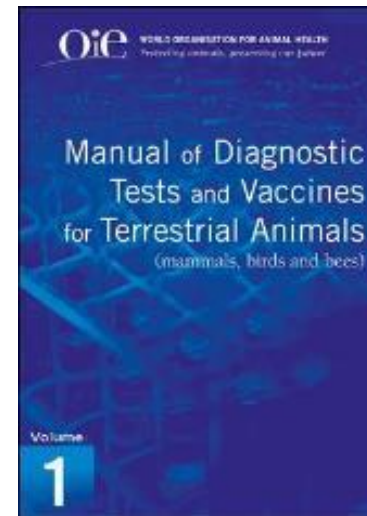
Adoption by resolution of the World Assembly (182 Members)

What are the OIE International Standards?

CODES

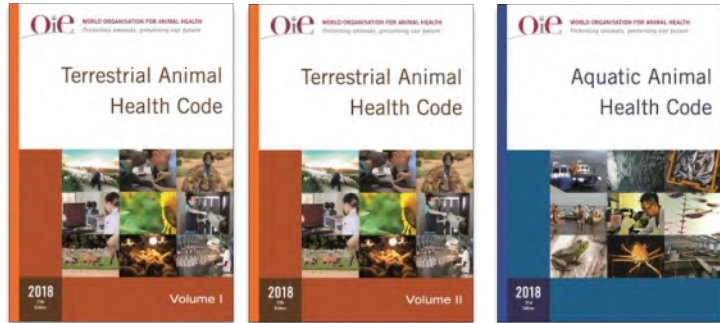


Manuals



OIE International Standards, the basis for...

CODES



Ensuring transparency and enhancing knowledge of the worldwide animal health situation.



Development of national policies and national sanitary systems



Assessment of potential trading partners and their health situation



Drafting of import sanitary measures, according to the commodity and their origin



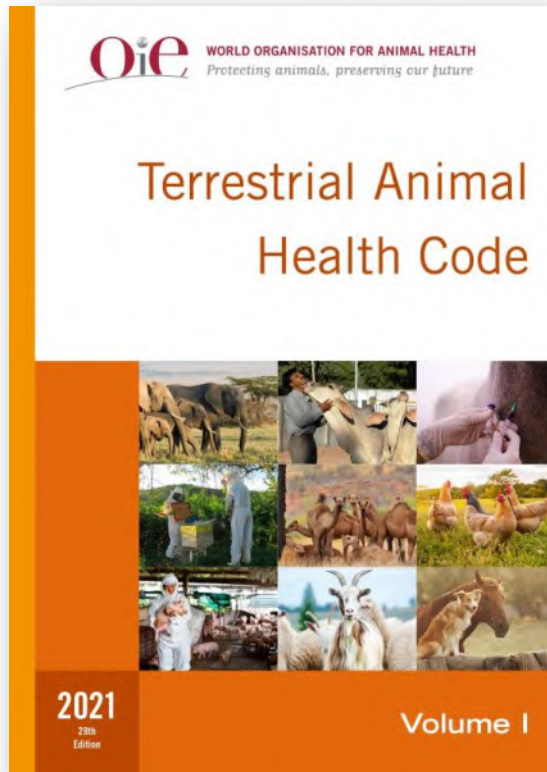
Veterinary certification and export/import procedures

MANUALS

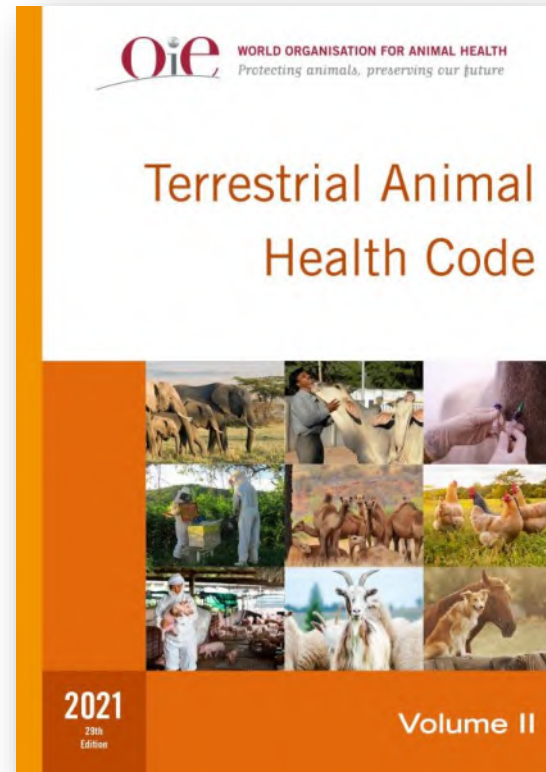


Terrestrial Animal Health Code

Structure and content



Volume I
User's guide and
Horizontal chapters



Volume II
Disease-specific
chapters

- New version every year
- Latest version publicly available on the OIE Website
- Printed version available for purchase

Volume I: Horizontal chapters

SECTION 1	SECTION 2	SECTION 3	SECTION 4	
ANIMAL DISEASE DIAGNOSIS, SURVEILLANCE AND NOTIFICATION	RISK ANALYSIS	QUALITY OF VETERINARY SERVICES	DISEASE PREVENTION AND CONTROL	
Notification of diseases	Import risk analysis	Introduction	Introduction	Disposal of dead animals
Criteria for the inclusion in the OIE list	Criteria applied by the OIE for assessing the safety of commodities	Quality of Veterinary Services	Identification and traceability of live animals	Disinfection and disinsection
Diseases, infections and infestations listed by the OIE		Evaluation of Veterinary Services	Zoning and compartmentalisation	Official health control of bee diseases
Animal health surveillance		Veterinary legislation	Application of compartmentalisation	High health status horse subpopulation
Surveillance for arthropod vectors of animal diseases		Communication	General hygiene in semen collection and processing centres	Vaccination
Procedures for official recognition of AH status, by the OIE			Collection and processing of semen	Official control programmes for listed and emerging diseases
Application for official recognition by the OIE of free status for ...			Collection and processing of embryos	

Volume I: Horizontal chapters

SECTION 5		SECTION 6		SECTION 7	
TRADE MEASURES, IMPORT/EXPORT PROCEDURES AND VETERINARY CERTIFICATION		VETERINARY PUBLIC HEALTH		ANIMAL WELFARE	
General obligations related to certification	Measures applicable on arrival	Introduction	Harmonisation of national AMR surveillance and monitoring programmes	Introduction to the recommendations for animal welfare	Use of animals in research and education
Certification procedures	Transfer and containment of PA	The role of the VS in food safety systems	Monitoring of the quantities and usage patterns of antimicrobial agents used in food-producing animals	Transport of animals by sea	Animal welfare and beef cattle production systems
OIE procedures relevant to the WTO SPS agreement	Quarantine measures applicable to non-human primates	Control of biological hazards of AH and PH importance through AM and PM meat inspection	Responsible and prudent use of antimicrobial agents in veterinary medicine	Transport of animals by land	Animal welfare and broiler chicken production systems
Measures applicable before and at departure	Model veterinary certificates	The control of hazards of animal health and public health importance in animal feed	Risk analysis for AMR arising from the use of antimicrobial agents in animals	Transport of animals by air	Animal welfare and dairy cattle production systems
Measures applicable during transit	Model passport for international movement of competition horses	Biosecurity procedures in poultry production	Zoonoses transmissible from non-human primates	Slaughter of animals	Welfare of working equids
Border posts and quarantine stations in the importing country		Prevention, detection and control of Salmonella in poultry	Prevention and control of Salmonella in commercial bovine production systems	Killing of animals for disease control purposes	Animal welfare and pig production systems
		Introduction to the recommendations for controlling AMR	Prevention and control of Salmonella in commercial pig production systems	Stray dog population control	Killing of reptiles for their skins, meat and other products

Volume II: Disease-specific chapters

For OIE listed diseases

- **Definition of infection/ infestation**, its occurrence and specific epidemiological considerations
- **Safe commodities** where appropriate
 - Safe commodities = based on absence of the pathogenic agent in the traded commodity or inactivation by processing or treatment that the commodity has undergone
- **Determination of the animal health status** of a country, zone or compartment
 - Official status recognition
 - Self declaration of animal health status

Volume II: Disease-specific chapters

For OIE listed diseases

- **Recommendations on safe trade** for live animals, genetic material, other products of animal origin (meat, milk, eggs, skins, etc.)
- **Specific management** of commodities, e.g.
 - Recommendations on inactivation
 - Vector-protection during transport
- **Recommendations on surveillance**
 - Surveillance strategies specific to the infection/ infestation
 - Link to Chapter 1.4 and 1.5 on animal health and vector surveillance

Structure



Volume I: General Standards

Volume II: Specific recommendations

Volume III: Disease specific Chapters

- Selected chapters updated every year
- Latest version publicly available on the OIE Website
- New printed version produced every 4 years

Content

- **Part 1** contains ten introductory chapters that set general standards for the management of veterinary diagnostic laboratories and vaccine production facilities;
- **Part 2** comprises specific recommendations and includes eight new chapters of recommendations for validation of diagnostic tests and three new chapters of recommendations for the manufacture of vaccines;
- **Part 3** comprises chapters on OIE listed diseases and other diseases of importance to international trade;
- **Part 4** is the list of OIE Reference Centres at the time of publication.

Terrestrial Manual disease specific chapters

Content

- Description of the pathogenic agent, the disease and relevant epidemiological information;
- Detailed recommendations on diagnostic methods and criteria;
- Requirements for vaccines.

Key for practical use in trade
Summary table on diagnostic methods and their purpose

B. DIAGNOSTIC TECHNIQUES

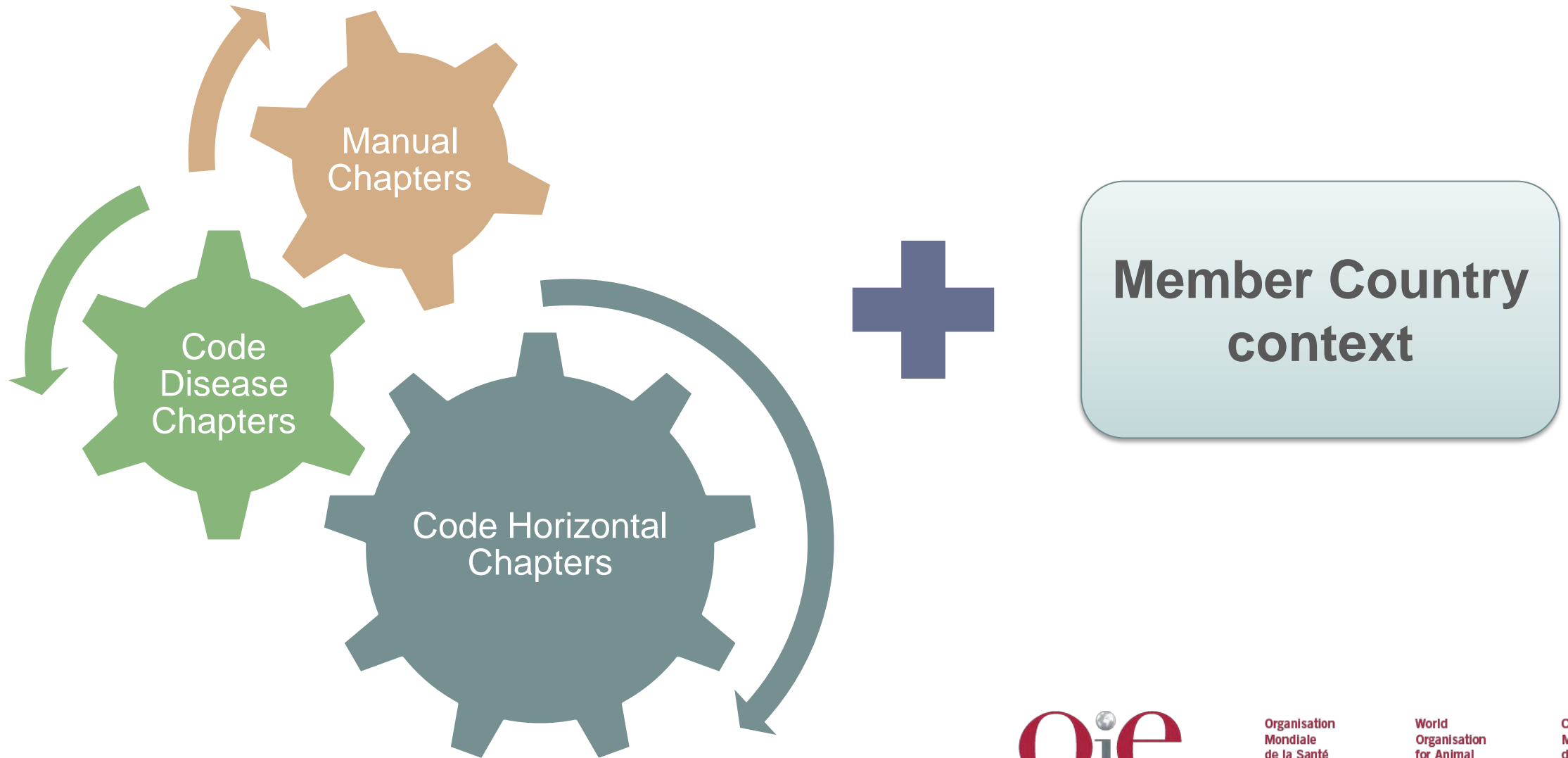
Table 1. Test methods available for the diagnosis of Japanese encephalitis and their purpose

Method	Purpose					
	Population freedom from infection	Individual animal freedom from infection prior to movement	Contribute to eradication policies	Confirmation of clinical cases	Prevalence of infection – surveillance	Immune status in individual animals or populations post-vaccination
Detection of the agent ¹						
Virus isolation	-	-	-	+++	-	-
Antigen detection	+	+	+	+	+	-
Real-time RT-PCR	++	++	++	+++	++	-
Detection of immune response						
HI	++	+++	++	+++	+++	+++
CFT	+	+	+	+	+	+
ELISA	++	++	++	++	++	++
VN (PRNT)	+	++	+	+++	++	++

Key: +++ = recommended for this purpose; ++ recommended but has limitations; + = suitable in very limited circumstances; - = not appropriate for this purpose.

RT-PCR = reverse-transcription polymerase chain reaction; HI = haemagglutination inhibition; CFT = complement fixation test; ELISA = enzyme-linked immunosorbent assay; VN = virus neutralisation; PRNT: plaque reduction neutralisation test.

Using the OIE international Standards





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