

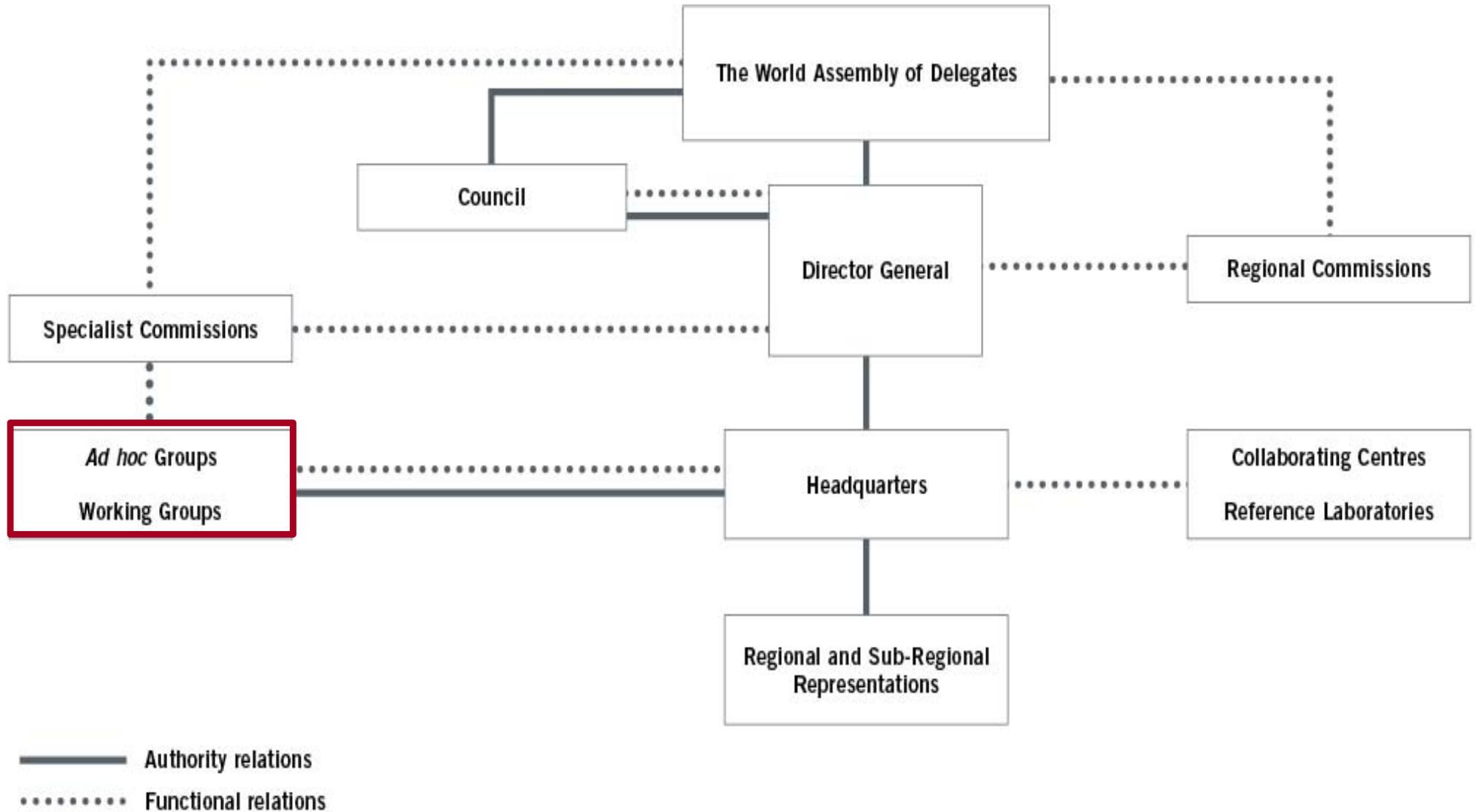


Dr Elisabeth Erlacher-Vindel
Head, OIE Science and New Technology Department
e.erlacher-vindel@oie.int

OIE activities related to wildlife and biodiversity

Regional Workshop:
Training of OIE National Focal Points for Wildlife (4th Cycle)
Nakuru National Park (Kenya), 22-24 November 2016

Structure of the OIE



OIE Working Group on Wildlife (WGW)



WGW – Background 2/2

- **1993** → First meeting of the *ad hoc* Group on Wildlife Diseases
 - Major objective : «identify wildlife diseases of concern to Member Countries that should be considered for reporting to the OIE»
- **Since 1995** → meeting of the OIE Working Group on Wildlife Diseases once a year
- **2014:** OIE Working Group on Wildlife Diseases became the OIE Working Group on Wildlife

WGW – Current members

2016: Seven permanent members, proposed by the **Council** of the OIE and confirmed by the Assembly

- Dr William B. Karesh (USA) (Chair)
- Dr Roy Bengis (South Africa)
- Dr John Fisher (USA)
- Prof. T.A. Leighton (Canada)
- Dr Torsten Mörner (Sweden)
- Dr Marie-Pierre Ryser (Switzerland)
- Prof. Koichi Murata (Japan)

WGW – Objectives and terms of reference 1/3

1. The Working Group functions under the auspices of the Scientific Commission and will report to the Scientific Commission of OIE.
2. Maintain global **perspective and foresight on wildlife** health and disease issues of importance to the OIE.
3. Assist the Scientific Commission to **incorporate wildlife issues into OIE Standards**, as appropriate
4. Assist OIE Members to build or improve their capacity to meet OIE standards and obligations with respect to diseases in wild animals

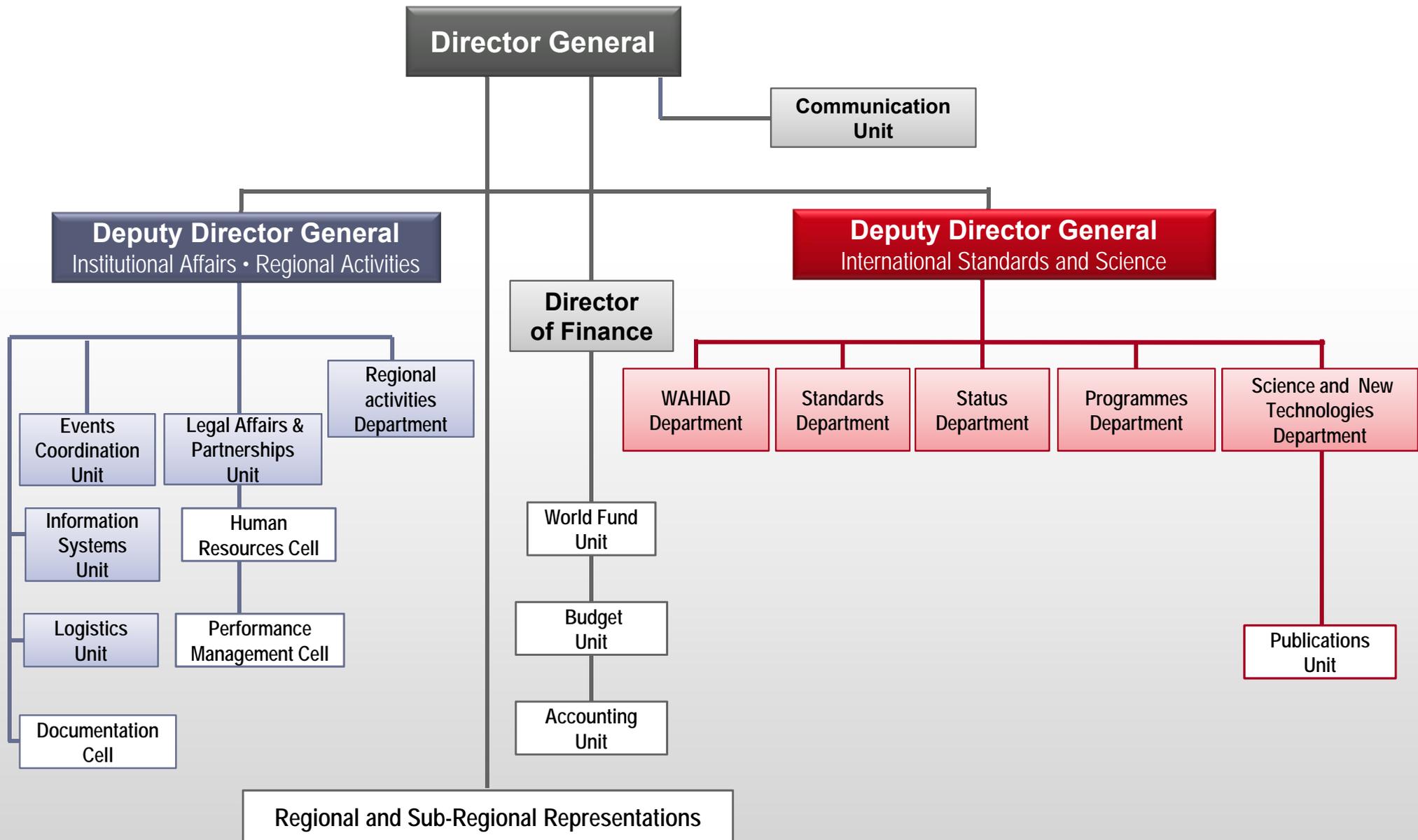
WGW – Objectives and terms of reference 2/3

5. Assist the OIE to **receive, record, and interpret information on wildlife disease** occurrence from official sources through WAHIS, and **maintain an international network** to provide information on wildlife disease occurrences from non-official sources.
6. **Advise** the Scientific Commission **on risks, surveillance, responses and management** with respect to disease issues associated with wildlife.
7. Address specific issues brought to the Working Group by the Scientific Commission.

WGW – Objectives and terms of reference 3/3

8. Assist the OIE to **communicate and disseminate information about wildlife disease issues**, and represent OIE as requested.
9. Assist OIE to **incorporate wildlife appropriately in its educational and scientific programs and publications**
10. Assist OIE in **supporting the activities of Collaborating Centres** on wildlife diseases

OIE Headquarters: new Organisational Chart



Roadmap 2016 - Science & new Technologies Dept

- 1** A continuous development of current and science-based guidelines for the management, control, eradication of diseases taking into account economic, social and environmental factors
- 2** New technologies (including vaccines)
- 3** Veterinary drugs and antimicrobial resistance
- 4** Relationship between climate changes and eco-system health, biodiversity losses, spread of diseases
- 5** Publications: scientific communication must use the most appropriate means and tools
- 6** Management of the Reference Centre Network

WGW – Last meeting

- The 2016 meeting was held from **Monday 7 November to Thursday 10 November**
- Brainstorming on the Terms of Reference
- Revision of the Terms of Reference
 - Alignment with work stream including work on Biodiversity and climate change

- Standard Setting
 - > Overview
 - > Terrestrial Code
 - > Terrestrial Manual
 - > Aquatic Code
 - > Aquatic Manual
 - > Specialists commissions & working groups
 - > Code Commission & reports
 - > Scientific Commission & reports
 - > Laboratories Commission & reports
 - > Aquatic Animals Commission & reports
 - > Working Groups & Reports
 - > Implications of private standards

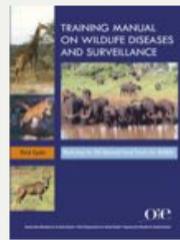
Working Group on Wildlife

Overview

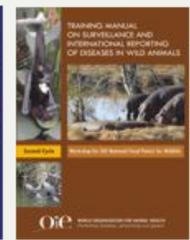
Founded in 1994, this Working Group informs and advises the OIE on all health problems relating to wild animals, whether in the wild or in captivity. It has prepared recommendations and oversees numerous scientific publications on the surveillance and control of the most important specific wildlife diseases. The Working Group comprises world-leading scientific experts in their subject areas.

See particularly:
[Health Risk Analysis in Wild Animal Translocations](#)

[Training Manual First Cycle](#)



[Training Manual Second Cycle](#)



[OIE Factsheet](#)



[Data for exercises](#)

Contact: Scientific and Technical Department

- Overview
- Mandate
- Internal Rules
- List of Working Groups

- + Dates of Meetings
- + Meeting Reports
- + Member's details
- + Links
- + 2013 new questionnaire Wild Animal diseases
- OIE Global Conference on Wildlife Animal – Health and Biodiversity Paris (France) 23-25 February 2011
- + Recommendations
- + Presentations
- + Compendium

- Overview
- Application of compartmentalisation
- Introduction to Specialist Commissions
- Facilitating safe trade
- Commodity-based approach
- Standard-setting: the Codes
- Legal rights and obligations
- Terrestrial Code
- Access online
- Terrestrial Manual
- Access online
- Aquatic Code
- Access online
- Aquatic Manual
- Access online
- Specialists commissions & working groups
- Code Commission & reports
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- Working Groups & Reports
- Implications of private standards
- Scientific Commission & reports
- Aquatic Animals Commission & reports

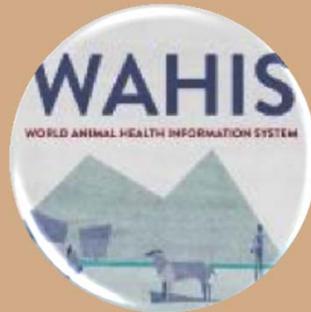
<http://www.oie.int/en/international-standard-setting/specialists-commissions-groups/working-groups-reports/working-group-on-wildlife-diseases/>

The four pillars of the OIE

Improving animal health, veterinary public health and welfare worldwide

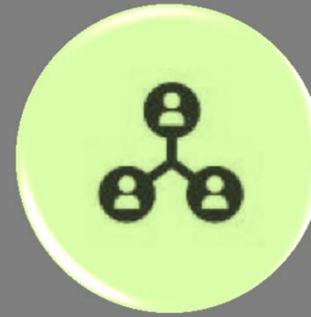


STANDARDS & GUIDELINES



TRANSPARENCY

of the world
animal disease
situation



EXPERTISE

Collection and
dissemination of
veterinary
scientific
information



SOLIDARITY

between
countries to
strengthen
capacities
worldwide

*International trade,
Surveillance and control
of animal diseases,
laboratories, ...*

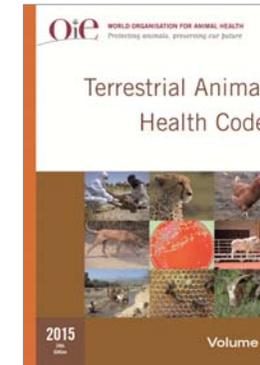
including zoonoses

*animal disease prevention
and control methods*

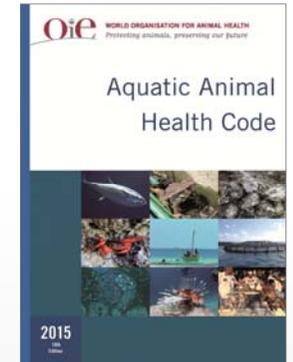
*Capacity building tools
and programmes*

OIE standards

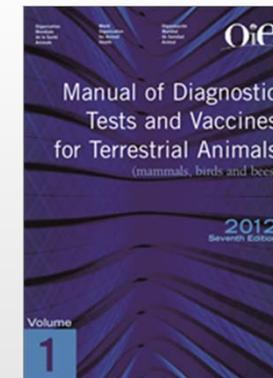
Terrestrial Animal Health Code – mammals, birds and bees



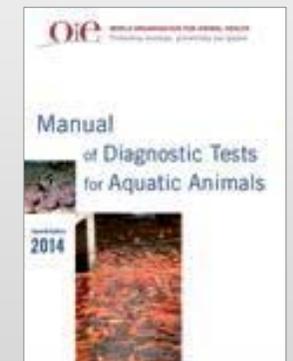
Aquatic Animal Health Code – fish, molluscs and crustaceans



Manual of Diagnostic Tests and Vaccines for Terrestrial Animals

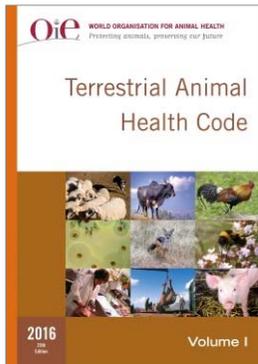


Manual of Diagnostic Tests for Aquatic Animals

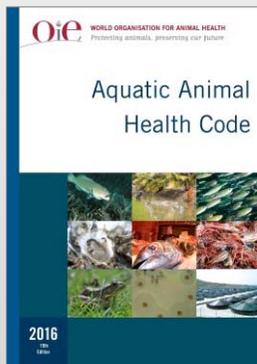


Codes and Manuals available on the OIE website

OIE standards (example)

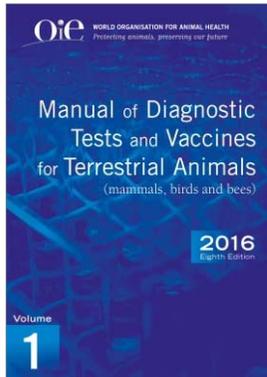


- Chapter 1.1. Notification of diseases, infections and infestations, and provision of epidemiological information
- Chapter 1.4. Animal health surveillance
- Chapter 2.1. Import risk analysis
- Chapter 5.9. Quarantine measures applicable to non-human primates
- Chapter 6.11. Zoonoses transmissible from non-human primates
- Chapter 7.2. to 7.4. Transport of animals by sea/land/air
- Chapter 8.1. to Chapter 15.4. on specific animal diseases

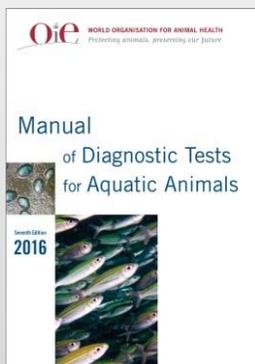


- Chapter 1.1. Notification of diseases, infections and infestations, and provision of epidemiological information
- Chapter 1.4. Animal health surveillance
- Chapter 2.1. Import risk analysis
- Chapter 8.1. to Chapter 11.7. on specific animal diseases, in particular **chapter 8.1. Infection with *Batrachochytrium dendrobatidis***

OIE standards (example)



- Chapter 1.1.1. Collection, submission and storage of diagnostic specimens
- Chapter 1.1.2. Transport of specimens of animal origin
- Chapter 1.1.5. Principles and methods of validation of diagnostic assays for infectious diseases
- Chapter 2.1.1. to Chapter 2.9.12. on specific diseases
- **Guideline 3.6.7. Principles and methods for the validation of diagnostic tests for infectious diseases applicable to wildlife**



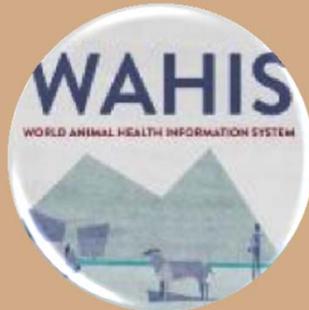
- Chapter 1.1.1. Quality management in veterinary testing laboratories
- Chapter 1.1.2. Principles and methods of validation of diagnostic assays for infectious diseases
- Chapter 2.1.1. to Chapter 2.4.9. on specific diseases in particular **Chapter 2.1.1. Infection with *Batrachochytrium dendrobatidis***

The four pillars of the OIE

Improving animal health, veterinary public health and welfare worldwide



STANDARDS & GUIDELINES



TRANSPARENCY

of the world
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Collection and
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SOLIDARITY

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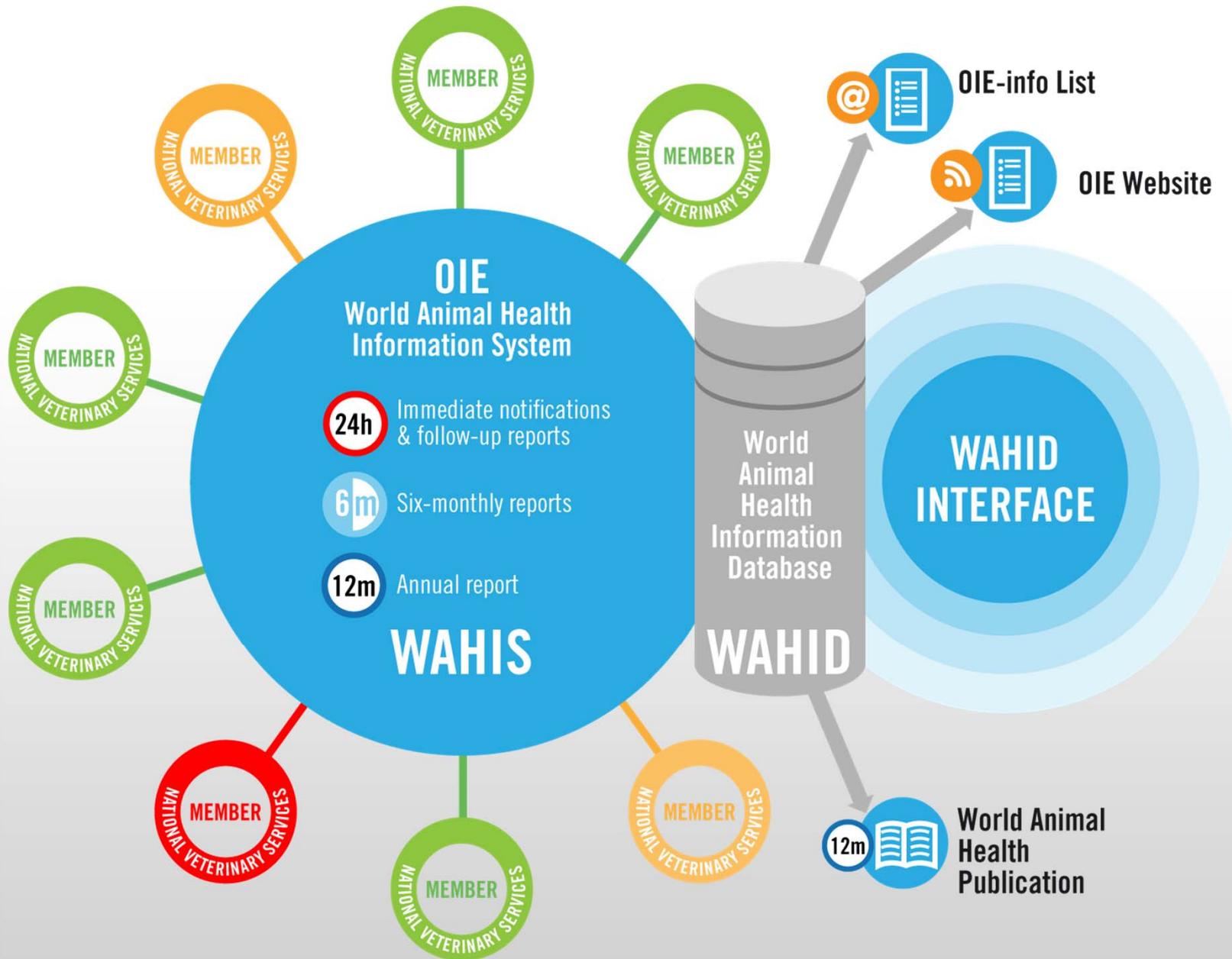
*International trade,
Surveillance and control
of animal diseases,
laboratories, ...*

including zoonoses

*animal disease prevention
and control methods*

*Capacity building tools
and programmes*

WAHIS





> The OIE Worldwide Monitoring System for Wild Animal Diseases

This interface refers only to wild animal diseases that are not OIE-listed and its contents should not have an impact on international trade of animals and their products.

Although these diseases have not met the OIE's criteria to be listed, the OIE's experts of the Working Group on wildlife diseases have selected them to be monitored, both because of their importance for wild animals and also for early warning purposes, in order to protect human and livestock health.

Wildlife diseases may have a serious impact on lives of humans and public health and can adversely affect wildlife conservation. Disease surveillance in wildlife must be considered just as important as surveillance in domestic animals.

The OIE was a precursor in recognizing the importance of having a good knowledge of the disease situation in wildlife and has been collecting worldwide information on wildlife diseases since 1993.

Since 2008, major improvements have been introduced aimed at collecting quantitative and qualitative data on wild animals from Member Countries. The type of data collected has been brought into line with the data collected as part of the World Animal Health Information System (WAHIS), which has itself been further developed to better address the disease situation in wild animals for OIE-listed diseases.

To improve the efficacy and efficiency of data collection, since 2013 a new section has been added to WAHIS for notifiable diseases specific for wild animals and to replace the previous Excel questionnaire that the OIE has been using since 1993 to collect data on wildlife diseases. [more](#)

+ Working Group on Wildlife diseases



+ Non OIE-listed diseases affecting wild animals



Stay tuned...
More to come
during the
seminar!

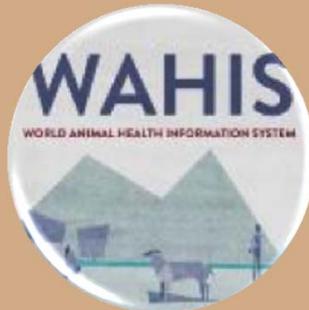
The four pillars of the OIE

Improving animal health, veterinary public health and welfare worldwide



STANDARDS & GUIDELINES

International trade, Surveillance and control of animal diseases, laboratories, ...



TRANSPARENCY

of the world animal disease situation

including zoonoses



EXPERTISE

Collection and dissemination of veterinary scientific information

animal disease prevention and control methods



SOLIDARITY

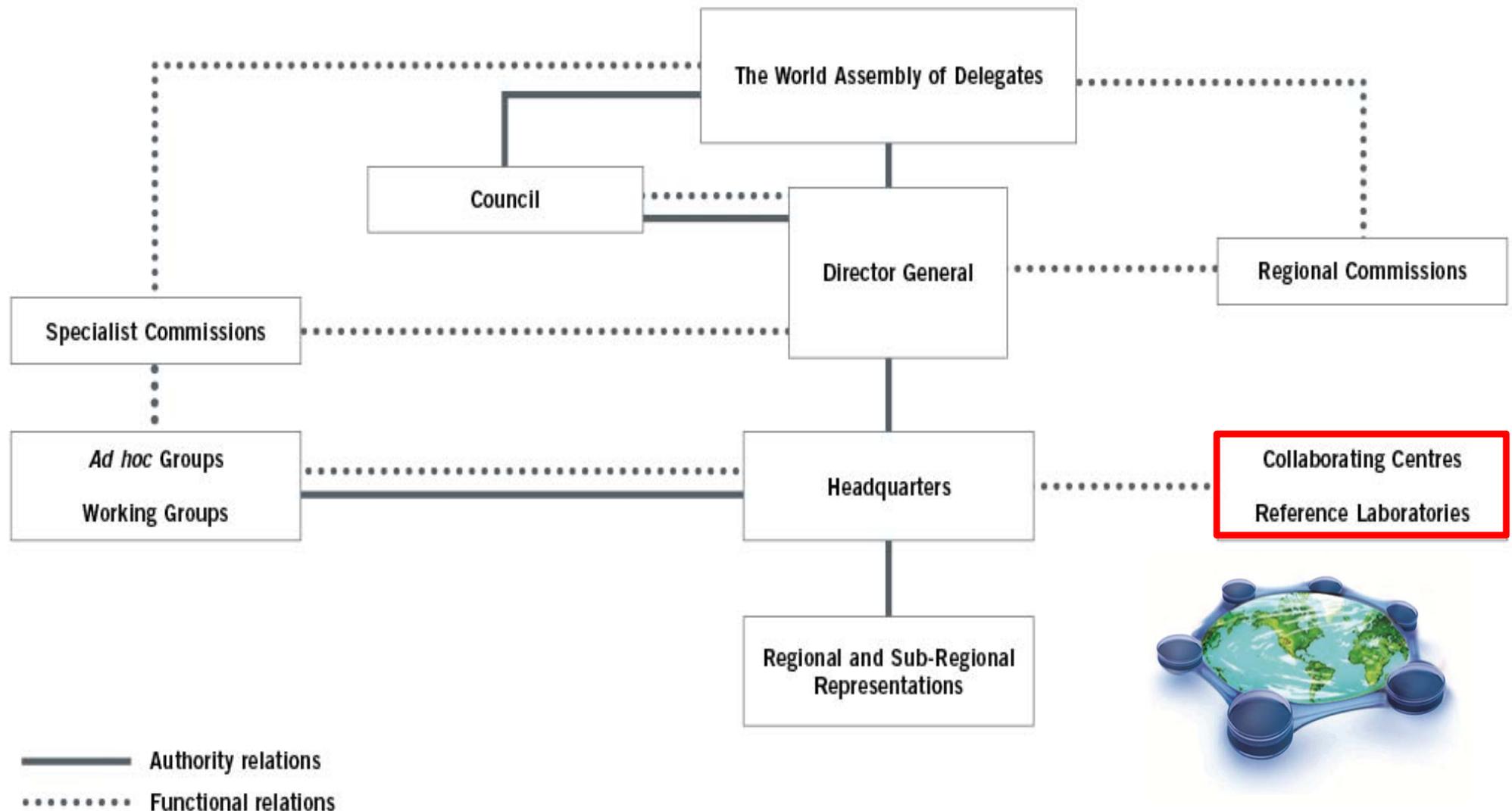
between countries to strengthen capacities worldwide

Capacity building tools and programmes

Network of OIE Reference Laboratories & Collaborating Centres



The OIE Network of Reference Laboratories & Collaborating Centres



The OIE Network of RL & CC

Relevant OIE Collaborating Centres:

Research, Diagnosis and Surveillance of Wildlife Pathogens

National Wildlife Health Center
US Geological Survey
US Department of Interior
UNITED STATES OF AMERICA

and

Canadian Cooperative Wildlife Health Centre
Malaspina University
CANADA

The OIE Network of RL & CC

Training in Integrated Livestock and Wildlife Health and Management

Department of Veterinary Tropical Diseases
Faculty of Veterinary Science
SOUTH AFRICA

Home > Scientific expertise > Collaborating Centres

Scientific expertise

- > Overview
- > Collaborating Centres
- > Terms of reference
- > List of Centres
- > Map
- > Annual reports
- > Criteria and internal rules
- > Guidelines for applicants
- > Reference Centre Networks
- > Reference Laboratories
- > Biological threat reduction
- > OFFLU, the animal influenzas network
- > CMC-AH, The Crisis Management Centre-Animal Health
- > Registration of diagnostic kits
- > Veterinary products
- > Specific information and recommendations

List of Centres

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List of Centres

- Annual reports
- Guidelines for applicants

and Epidemiological

>Print all

- > WAHIS Interface 
- > Online bookshop 
- > For the media 
- > OIE world conferences 
- > Documentary database 

This multi-national OIE Collaborating Centre will include participation from the following institutions:

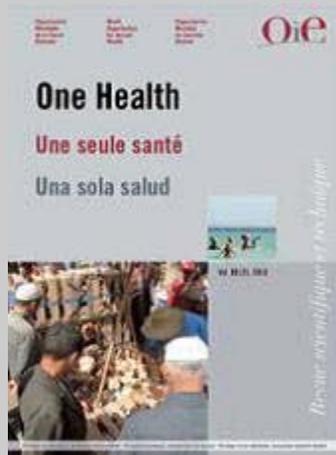
+ **Instituto de Biociencias**
 Facultad de Veterinaria
 Universidad de la República O del Uruguay
 Lasplacas 1550 CP 11300
 Montevideo
 URUGUAY
 Tel: +598-2 628.35.05
 Fax: +598-2 628.01.30
 Email: stellamaris32@hotmail.com

Publications

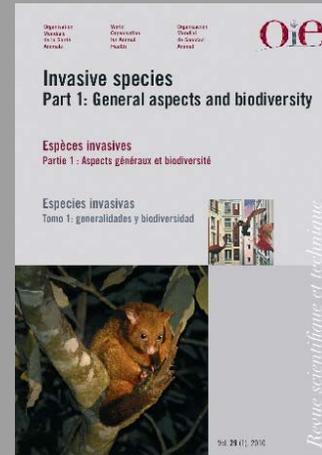


Scientific and Technical Review

One health,
Volume 33 (2)
William Karesh,
Ed. 2014



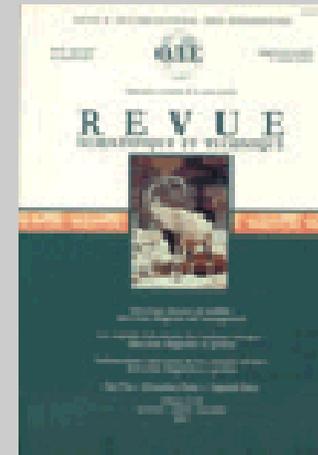
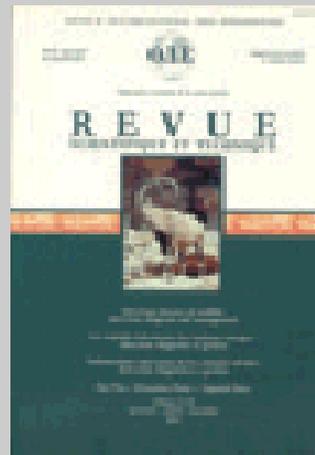
Invasive species
– Part 1: general
aspects and
biodiversity,
Volume 29 (1),
P.-P. Pastoret &
F. Moutou, Ed.
2010



Invasive species
– Part 2:
concrete
examples,
Volume 29 (2),
P.-P. Pastoret &
F. Moutou, Ed.
2010



Infectious
diseases of
wildlife:
detection,
diagnosis and
management,
two volumes,
Volumes 21 (1)
and (2), Roy C.
Bengjis, Ed. 2002

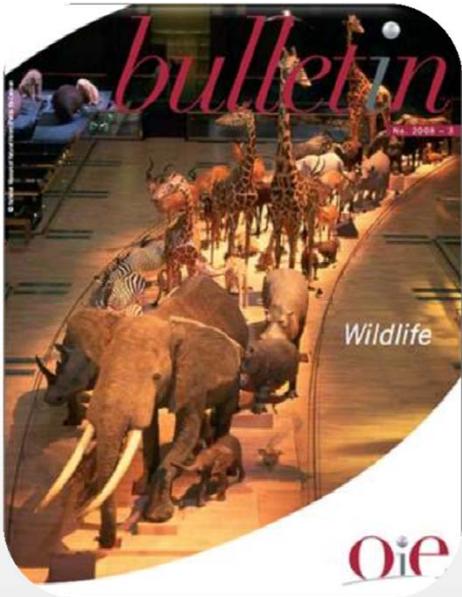


Scientific and Technical Review

Available online at:

The screenshot shows the OIE website homepage. At the top, the OIE logo and tagline "WORLD ORGANISATION FOR ANIMAL HEALTH" are displayed. Below this is a navigation menu with links for Home, About us, Scientific expertise, Solidarity, Animal health in the World, and Standard Setting. A search bar is also present. The main content area features a large banner for the 84th General Session (84SG) in Paris, with a red circle highlighting the "PUBLICATIONS" link in the right-hand sidebar. Other sections include "THEMES" (One Health, Animal Diseases, Antimicrobial Resistance, Standards and International Trade, Animal Welfare, Food Safety), "KEY DATES" (listing events from June and May 2016), "ONLINE BOOKSHOP", "CATALOGUE", "ANNUAL REPORT", and "DOCUMENTARY DATABASE".

OIE Bulletin



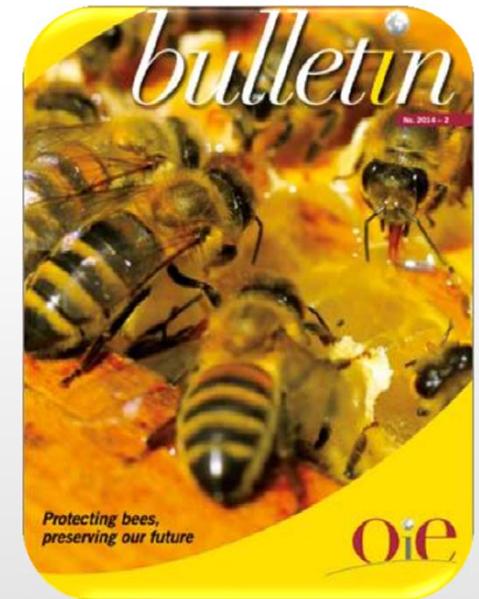
2008, Bulletin No. 3
Wildlife



2009, Bulletin No. 3
Wildlife



2012, Bulletin No. 3
Wildlife



2014, Bulletin No. 2
Protecting bees,
preserving our future

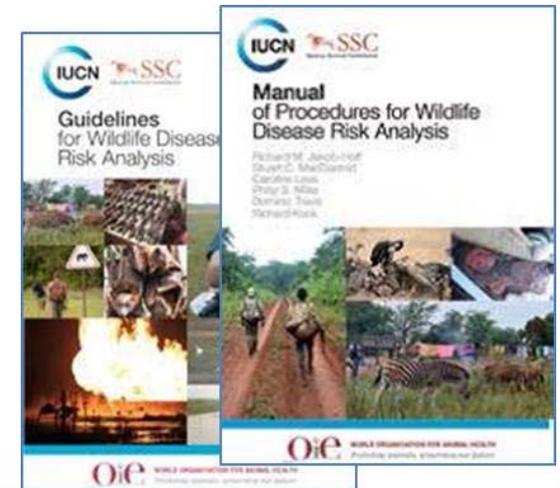
OIE Bulletin

Available online at:

The screenshot displays the OIE website homepage. At the top, the OIE logo and tagline "WORLD ORGANISATION FOR ANIMAL HEALTH" are visible, along with language options (Français, English, Español) and a search bar. A navigation menu includes "Home", "About us", "Scientific expertise", "Solidarity", "Animal health in the World", and "Standard Setting". A large banner for the "84SG 2016" meeting in Paris (May 22-27) is featured. Below this, a "THEMES" section lists various areas: ONE HEALTH, STRENGTHENING VETERINARY SERVICES, ANIMAL DISEASES, ANTIMICROBIAL RESISTANCE, STANDARDS AND INTERNATIONAL TRADE, BIOLOGICAL RISKS, ANIMAL WELFARE, and FOOD SAFETY. A "KEY DATES" section highlights events from June 22-24 and May 22-27, 2016. A "PUBLICATIONS" section is circled in red, with a red arrow pointing to it from the "PUBLICATIONS" link in the right-hand sidebar. Other sidebar links include "LATEST DISEASE ALERTS", "WAHIS PORTAL", "ONLINE BOOKSHOP", "CATALOGUE", "ANNUAL REPORT", and "DOCUMENTARY DATABASE".

Guidelines

- ❖ Wildlife Disease Risk Analysis, Manual of Procedures & Guidelines, IUCN & OIE; Ed. 2014
- ❖ Guidelines for assessing the risk of non-native animals becoming invasive, OIE, 2011

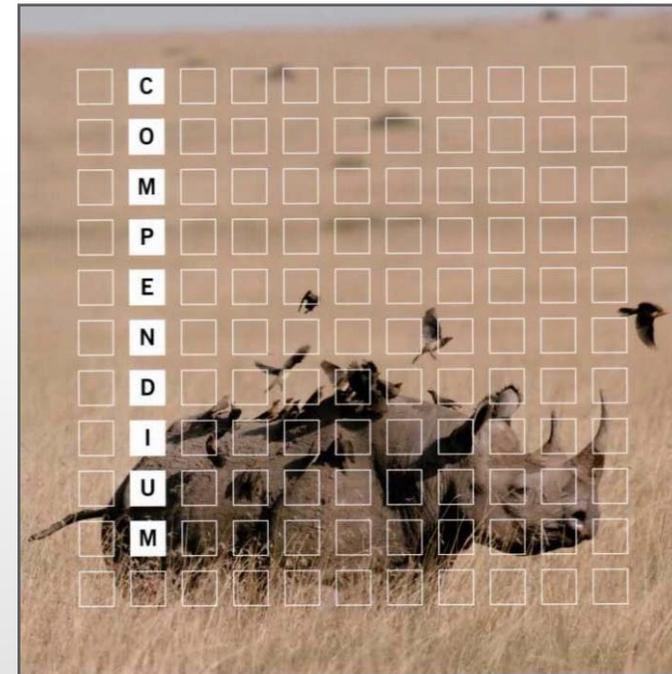
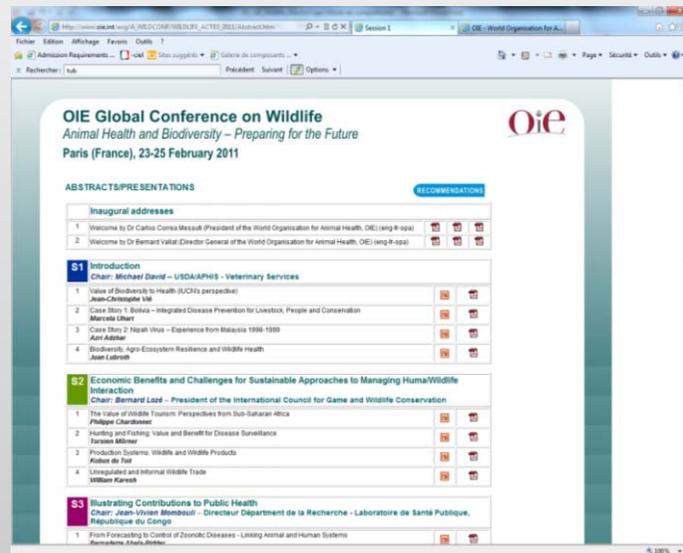
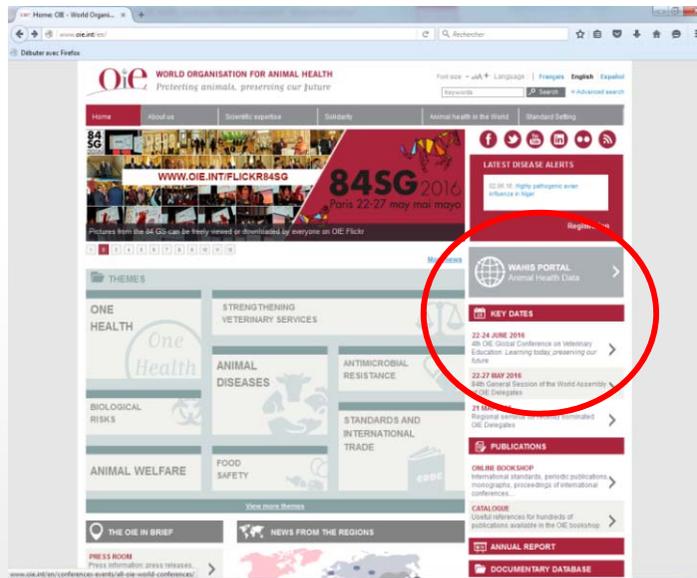


Available on the OIE website:
www.oie.int/en/international-standard-setting/specialists-commissions-groups/working-groups-reports/working-group-on-wildlife-diseases/



OIE Global Conference on Wildlife

Animal Health and Biodiversity – Preparing for the future
Paris (France), 23-25 February 2011



Animal Health and Biodiversity – Preparing for the Future

Compendium of the OIE Global Conference on Wildlife
23–25 February 2011
Paris (France)



Organisation Mondiale de la Santé Animale • World Organisation for Animal Health • Organización Mundial de Sanidad Animal

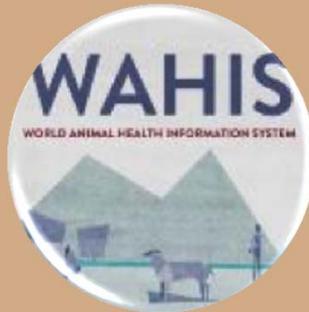


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**STANDARDS
&
GUIDELINES**



TRANSPARENCY
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SOLIDARITY
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*International trade,
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including zoonoses

*animal disease prevention
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*Capacity building tools
and programmes*

OIE works with many international org.



International council for game and wildlife conservation



International Union for Conservation of Nature



Convention on International Trade in Endangered Species of Wild Fauna and Flora



Tripartite agreement

Thank you for your attention



Dr Elisabeth Erlacher-Vindel



12, rue de Prony, 75017 Paris, France
www.oie.int
media@oie.int - oie@oie.int

