OIE activities related to wildlife and biodiversity

Regional Workshop:
Training of OIE National Focal Points for Wildlife (4th Cycle)
Kuta, Bali, Indonesia, 4-6 July 2017
Structure of the OIE

- The World Assembly of Delegates
- Council
- Director General
- Headquarters
- Regional and Sub-Regional Representations
- Regional Commissions
- Collaborating Centres
- Reference Laboratories
- Specialist Commissions
- Ad hoc Groups
- Working Groups

Authority relations

Functional relations
OIE Working Group on Wildlife (WGW)
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)
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.
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.
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
## Roadmap 2016 - Science & new Technologies Dept

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

Overview

Founded in 1994, the 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

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
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Stay tuned...
More to come during the seminar!
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STANDARDS & GUIDELINES
International trade, Surveillance and control of animal diseases, laboratories, ...

TRANSPARENCY of the world animal disease situation

EXPERTISE
Collection and dissemination of veterinary scientific information including zoonoses 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 World Assembly of Delegates
  - Council
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      - Collaborating Centres
        - Reference Laboratories

- Specialist Commissions
  - Ad hoc Groups
  - Working Groups

Authority relations
 Functional relations
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
Training in Integrated Livestock and Wildlife Health and Management

Department of Veterinary Tropical Diseases
Faculty of Veterinary Science
SOUTH AFRICA
Bee Health in Africa

International Centre of Insect Physiology and Ecology (ICIPE)
KENYA
 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
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including zoonoses
OIE works with many international org.

- International council for game and wildlife conservation
- Convention on International Trade in Endangered Species of Wild Fauna and Flora
- Tripartite agreement
- International Union for Conservation of Nature
Thank you for your attention

Dr Elisabeth Erlacher-Vindel