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Wildlife Health surveillance in MALAYSIA

DR HAMIDAH HELMAN

VETERINARY OFFICER

DEPARTMENT OF WILDLIFE AND NATIONAL PARKS MALAYSIA

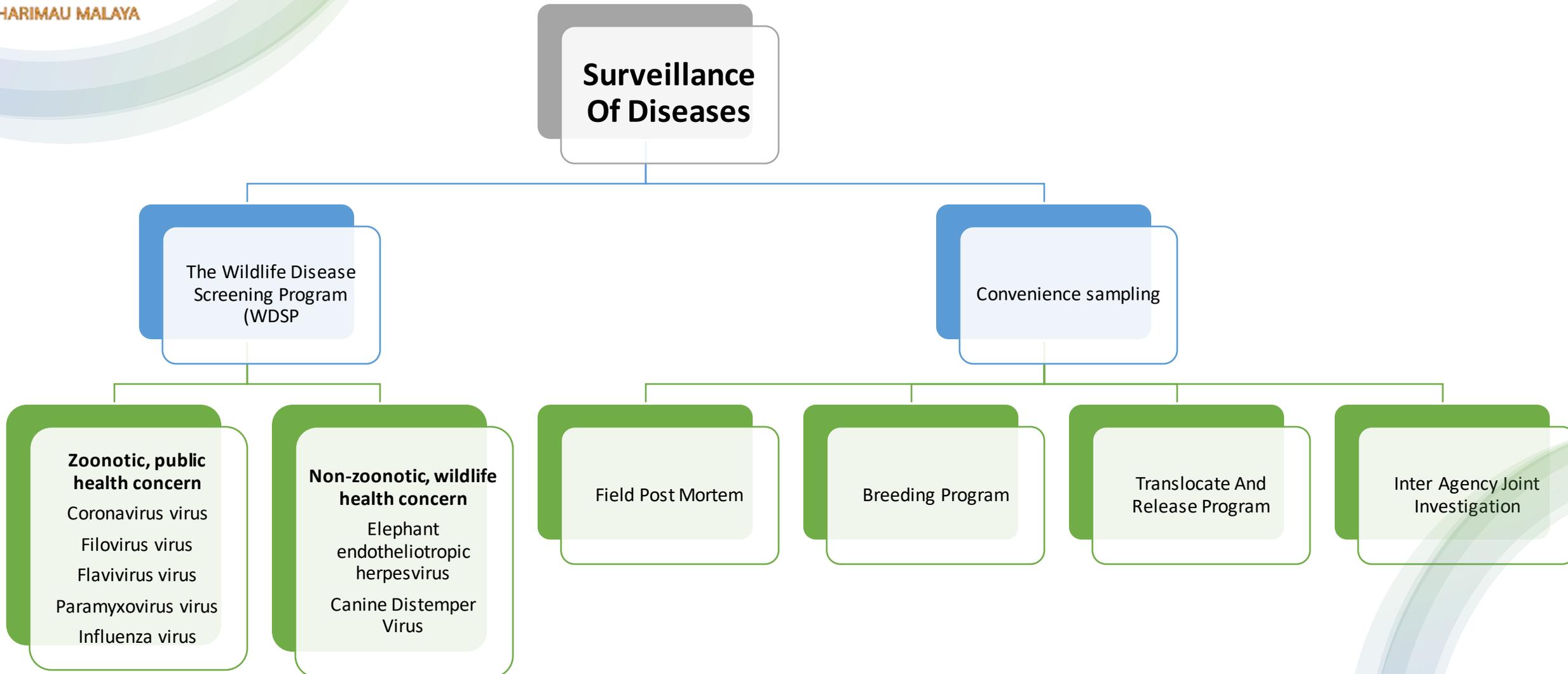
South-East Asia Wildlife Health Network Meeting

Nonthaburi, Thailand

5 September 2022

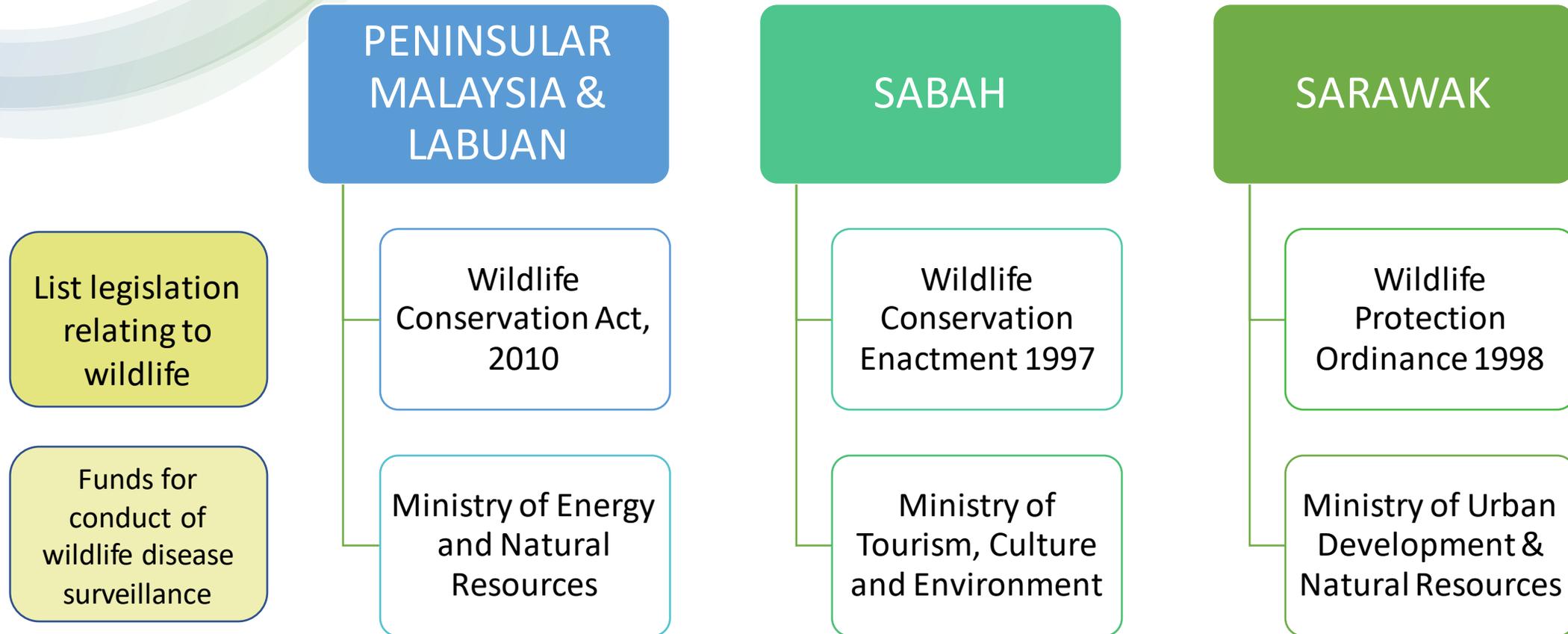


Status Of Wildlife Disease Surveillance





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Wildlife Disease Surveillance

Department of Wildlife and
National Parks



Sabah Wildlife
Department



Sarawak Forestry
Corporation (SFC)





Wildlife Disease Testing

Department Of
Veterinary Services
Malaysia



Department Of
Veterinary Services
Sabah



Department Of
Veterinary Services
Sarawak





Wildlife Disease Testing

University of Putra
Malaysia



University Malaya



Universiti Malaysia
Kelantan



Universiti Sultan
Zainal Abidin



Universiti Malaysia
Sarawak



Universiti Malaysia
Sabah





VETERINARY LABORATORIES





Status of wildlife disease surveillance

Summary of sample collection and the lab analysis that were conducted

- Samples collected from
 - Conservation centre/captivity
 - Catch n release program
 - Translocation program
 - Breeding program
 - Post mortem
- Sample type
 - Swabs
 - Blood
 - Trunk wash
 - Organs/bones
- Transport via
 - Room temp
 - Ice box
 - Transport media
 - Liquid nitrogen tank

How do you store and analyse wildlife disease data?

All the details of specimens collected recorded in-house in an excel spreadsheet

How were the results of data analysis applied/used ?

- Results required to be shared within relevant agencies
- Planning for disease control program

What the top 3 constraints/problems of implementing Wildlife disease surveillance in your country

- Lack of Skilled Manpower on wildlife disease surveillance
- Lack of Information on current wildlife health status nationwide
- Lack of Financial resources to upgrade laboratory facilities concurrent with occurrence of wildlife diseases



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Status of wildlife disease surveillance





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Linking with global reporting system

Brief situation on submission to WAHIS and constraints

Currently, Department of Veterinary Services Malaysia (DVS) serves as the head of delegation for all disease reporting submissions.

Submission of EPIS01 form to ADIC in DVS within 24 hrs of lab detection result or clinical sign onset.

ADIC will report to WAHIS.



Networks at country level

TECHNICAL COMMITTEE FOR ZOO NOTIC DISEASE CONTROL

PERMANENT MEMBER	AD-HOC MEMBER	OBJECTIVE	FREQUENCY
<p>Division of Disease Control, Ministry of Health Malaysia</p> <p>Veterinary Biosecurity Management & SPS Division, Department of Veterinary Services Malaysia</p> <p>Department of Wildlife and National Parks</p>	<p>Physicians (Infectious Diseases)</p> <p>Non-governmental Organizations (NGOs)</p> <p>Ministry Of Housing And Local Government Officers</p> <p>Malaysia Quarantine And Inspection Services Department</p> <p>MyOHUN And Others.</p>	<p>Discusses the epidemiology of zoonotic diseases of interest in animals and humans and their impact on public health.</p> <p>Determine the agenda that needs to be presented to the Inter-Ministerial Committee for Zoonotic Disease Control.</p> <p>Discuss policies and strategies as well as decisions that have been set by the Inter-Ministerial Committee for Zoonotic Disease Control and determine the modus operandi of its implementation.</p>	<p>Members of the Technical Committee for Zoonotic Disease Control will meet at least two (2) times a year, before the meeting of the Inter-Ministerial Committee for Zoonotic Disease Control is held.</p>



Networks at country level



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TECHNICAL COMMITTEE FOR ZONOTIC DISEASE CONTROL



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Capacity Building

- One Health Field Epidemiology Training
- Dissecting One Health Core And Technical Competencies During Outbreak Response

What specific trainings have your agencies conducted or attended to enhance wildlife disease surveillance?

- Training on
 - disease screening and testing to upgrade lab capacity
 - Multi-agency emergency management practice

Please identify top 3 priority topics for training you need in the next 12 months



Capacity Building



Dissecting One Health Core And Technical Competencies During Outbreak Response



Future activities

Existing activities

- Screening of zoonotic disease of wildlife in captivity and its natural habitats.
- Disease screening of exotic animal for human consumption in breeder farm.

Future activities

- Increase awareness program among frontliners on emergency management practice
- Participate on inter agency disease outbreak simulation



SELAMATKAN
HARIMAU MALAYA

THANK YOU.