Needs Assessment for National Wildlife Health Programs

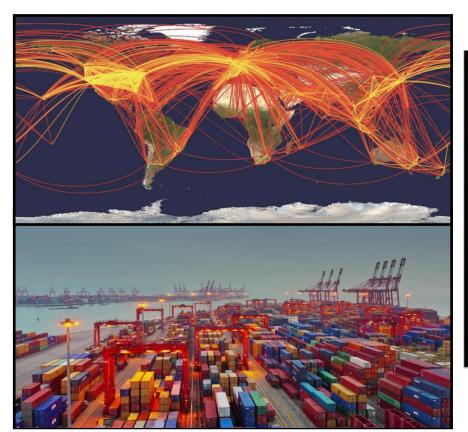
Dr. Jonathan Sleeman Center Director USGS National Wildlife Health Center





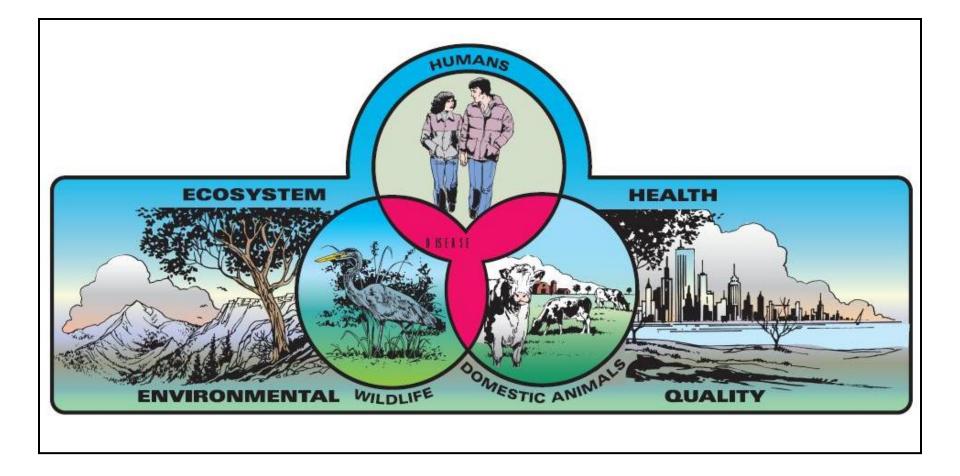
Emerging Infectious Diseases

Global environment favoring the emergence of infectious diseases Many emerging disease threats to human, animal and ecosystem health are of wildlife origin





One Health Approach



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Proposed attributes of national wildlife health programmes

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Diagnostic Services Epidemiology Health Information Management Coordination Communication Program Management

Components of Surveillance and Management

Detection of pathogens and diseases

 Network of people who are likely to encounter dead or sick, wild animals and collect samples

Identification of pathogens

 Laboratory and personnel experienced with wildlife pathogens

Information management

 Data storage and standards

Analysis and communication

 Information relayed to those who can take action (e.g., disease management and prevention)



ZUSGS

Needs Assessment for National Wildlife Health Program

	Needs Assessment for National Wildlife Health Program					
Theme/Function	Infrastructure and Canabilities	Current State (Describes the program as it currently exists)	current state: 1) None; 2) Nascent/early; 3) Emerging; 4)	Future Desired State (Describes the future program as directed by institutional and national programmatic goals and objectives)	Gaps and Needs	
Diagnostic:	Diagnostic Laboratory System:					
 Cause of death determination Pathogen discovery General disease surveillance 	 Pathology Diagnostic Microbiology, Virology, Parasitology, Toxicology Biological Support Biosafety Quality Management 					
Epidemiology:Outbreak	Applied Epidemiology: • Statistical capabilities • Outbreak investigation • Hazard					

Needs Assessment Process

- Team of experts reviews of strategic plans, risk assessments, and other relevant documents
- Interviews with key partners and stakeholders: users of the program
- Interviews with key personnel who deliver the program
- Site visit to core facilities, etc.



Needs Assessment Process

<u>Metrics for assessment of the current state of the</u> <u>capabilities:</u>

- 1. None = no capacity exists
- 2. Nascent/early = basic or rudimentary capacity exists
- 3. Emerging = basic capacity exists and plans in place for further expansion
- 4. Expanding = basic capacity exists, and new capabilities are currently being added/expanded
- 5. Mature = capacity is at the level to meet agency needs

Needs Assessment Process

- As no international standards for wildlife health have been established, the needs assessment tool assesses the program's ability to meet the country's goals regarding wildlife health
- Important that these goals have been established for the tool to be effective



Final Report



Summary of the main findings



Identification of priority gaps and needs

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Recommendations for next steps



Co-create training and capacity building activities as desired

Pilot Project: Thailand National Wildlife Health Center



Pilot Project: Rwanda Development Board



Thank You

Questions

