

#### **Dr Keith Hamilton**

Head of the Preparedness and Resilience Department OIE Headquarters Paris, France

**OIE Webinar** World Wildlife Day

Global wildlife health 3 March 2022



# Whyis the OIE concerned about wildlife





### Ecosystems depends on biodiversity





## Wildlife support livelihoods







### Mental, social and spiritual well-being











### Contribution to education

















### Wildlife current situation

88.8% of the species on Earth are animal species.

The animal kingdom is the most biodiverse kingdom on the Planet

In the last 50 years, an average of 68% decrease in population sizes of mammals, birds, amphibians, reptiles and fish.

40% of the world's amphibians; 25% of its mammals; and 14% of its birds are threatened with extinction.

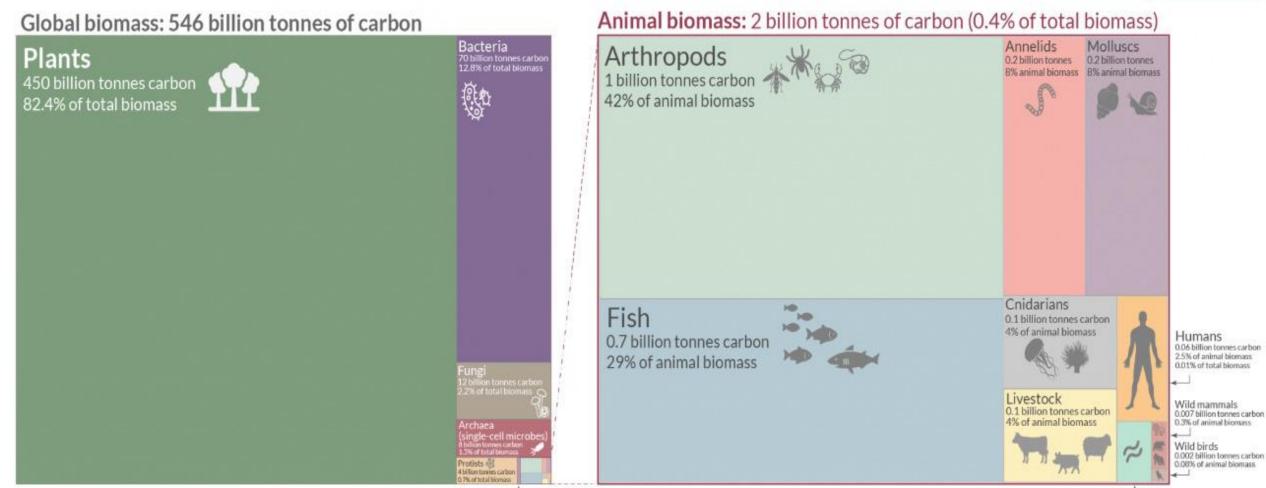




### Life on Earth: the distribution of all global biomass

Biomass is measured in tonnes of carbon. The global distribution of Earth's biomass is shown by group of organism (taxa).





Data source: Bar-On, Y. M., Phillips, R., & Milo, R. (2018). The biomass distribution on Earth. *Proceedings of the National Academy of Sciences*. Icons from Noun Project.

OurWorldinData.org – Research and data to make progress against the world's largest problems.

Licensed

0.2 billion tonnes carbon.

Licensed under CC-BY by the authors Hannah Ritchie and Max Toler

0.02 billion tonnes carbon -0.8% of animal biomass

#### **OIE WILDLIFE HEALTH PROGRAMME**



#### THE PROBLEM

Increased contact between humans, wildlife and livestock and negative impacts on biodiversity from unsustainable human activities, such as habitat loss and land-use change, lead to the emergence of diseases which may threaten human and animal health.



PROMOTE MULTISECTORAL COORDINATION AND COLLABORATION



Veterinary Services play an essential role in the prevention of disease emergence (including zoonoses) and in ensuring food security and safety.

A political, policy and scientific environment that allows Veterinary Services to implement effective wildlife health monitoring, surveillance and management is key and will be reinforced by the new OIE Wildlife Health Framework that aims to reinforce One Health strategies to manage the risk of disease emergence and protect wildlife health.



To manage the risk of disease emergence in wildlife and transmission of diseases at the human-animalecosystem interface.



To protect wildlife health by improving surveillance systems, early detection. notification and management of wildlife diseases.

#### THE BENEFITS

Improved animal and public health



IMPROVE REPORTING AND ANALYSIS OF QUALITY WILDLIFE HEALTH DATA

The approach Embrace a holistic systems-based approach to One Health to seek solutions that optimise health outcomes for animals, humans and the environment



PROMOTE MULTISECTORAL COORDINATION AND COLLABORATION to operationalize the One Health approach



STRENGTHEN CAPACITY IN WILDLIFE HEALTH MANAGEMENT for Veterinary Services



IMPROVE REPORTING AND ANALYSIS OF QUALITY WILDLIFE HEALTH DATA to improve global surveillance systems



UPDATE AND DEVELOP RELEVANT INTERNATIONAL STANDARDS AND **GUIDELINES** related to wildlife health



DISSEMINATION OF SCIENTIFIC KNOWLEDGE to address risks and identify best practices in wildlife health



STRENGTHEN

CAPACITY IN

MANAGEMENT

WILDLIFE

HEALTH







Well we should all be concerned about wildlife. Wildlife are essential for life on earth.



#### Other interesting images ...











