

Introduction to One Health – A FAO Virtual Learning Center (VLC) course

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Training for WOAH Focal Points for Wildlife 27 June 2023



FAO



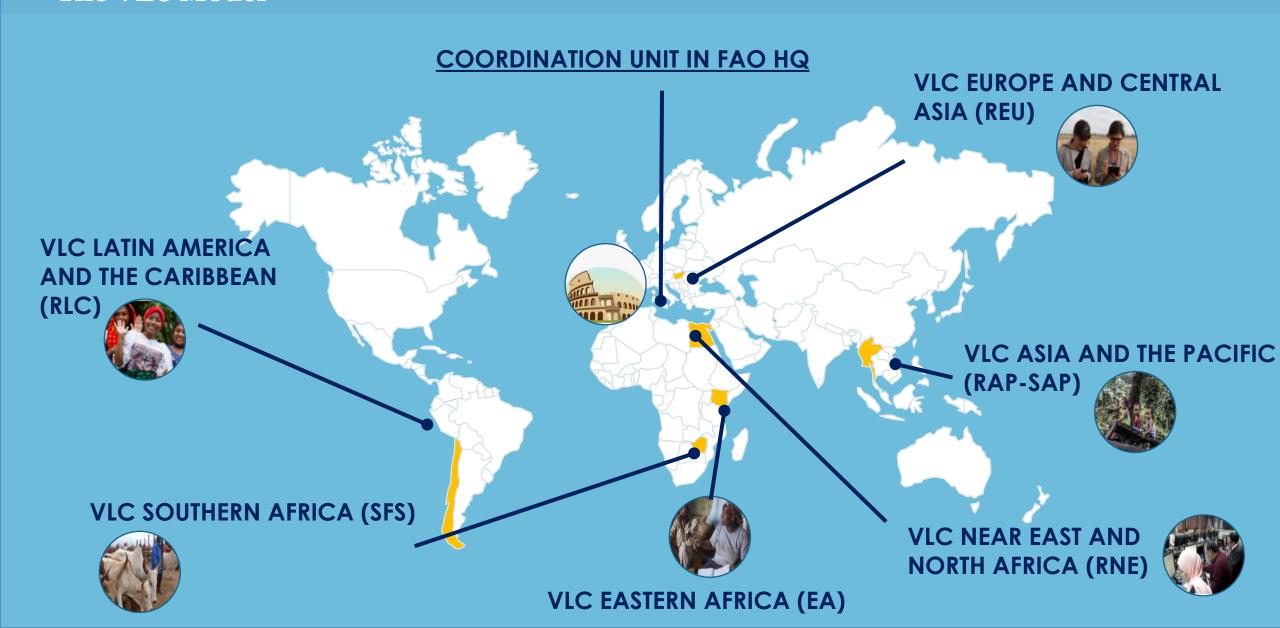
THE VLCs ARE VIRTUAL LEARNING HUBS WITH THE MISSION TO PROVIDE INCLUSIVE, ENGAGING AND HIGH-QUALITY TRAININGS FOR PROFESSIONALS AROUND THE WORLD, USING A VARIETY OF METHODOLOGIES.

Main advantages

- Reach out to large, geographically disparate audiences
- Cost-effectiveness
- Reduced environmental footprint
- Promotion and strengthening networks, sharing experiences







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Use of the VLC in practice

The platform

- Moodle based
- Log-in: account for each user

Content on course pages

- Interactive modules
- Videos or Zoom webinar recordings embedded
- Resources, further readings
- Discussion forum
- Surveys
- Final course assessment and certificate

Different modalities, but mainly tutored courses



The VLCs offer a range of tutored and selfdirected online courses and interactive virtual



Get involved The VLC project supports and co-ordinates Study one of our courses, or work with us to: regional roll-out of innovative virtual learningdevelop innovative new online training

Find out more)



Related Links

FAD elearning Academy

EuFMD Virtual Learning

PAD Capacitación para América Latina y el Caribe (VLC RLC)

English (en) + Q

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vic global@fan.org

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Previous courses on VLC REU

VLC REU: developing and delivering courses since 2021
Before VLCs: online courses with EuFMD since 2019

Topics covered:

- African Swine Fever
- Avian Influenza
- Lumpy Skin Disease
- Stamping out
- Under development
 - biosecurity for ruminants
 - sheep and goat pox
 - food loss and waste





Курс по обеспечению готовности к заразному узелковому дерматиту (ЗУД) крупного рогатого скота



Introduction to One Health course

- Aim: to develop national capacity for the implementation of the One Health approach and to encourage interaction between people working in different areas
 - Focus on risk analysis & Joint Risk Assessment
- Developed by FAO (RAP), delivered together with WOAH and WHO
- ~350 participants from 40 countries in Europe
- Participants with different background from each country
 - Animal Health (FAO REU)
 - Food Safety (FAO REU)
 - Wildlife (WOAH)
 - Public Health (WHO)
- Planned date: mid-September mid-October (2023)





OH course – draft curriculum

Course type: tutored course

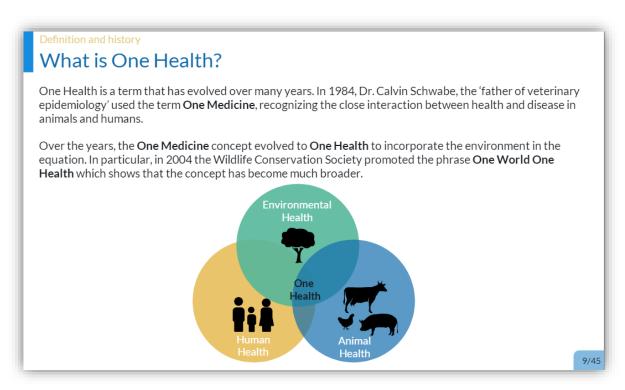
Course duration: 10 hours of study time, spread over a four-week period

Week	Content				
1	Opening webinar				
	Module 1: One Health: An overview				
2	Module 2: Sources of pathogens				
	Module 3: Understanding anthropogenic drivers of disease emergence				
3	Module 4: Impact of infectious diseases				
	Module 5: Principles of risk analysis: A One Health perspective				
4	Case study exercise: Joint Risk Assessment with a focus on avian influenza				
	Final assessment (multiple-choice questions)				



OH course modules

Module 1: One Health: An overview



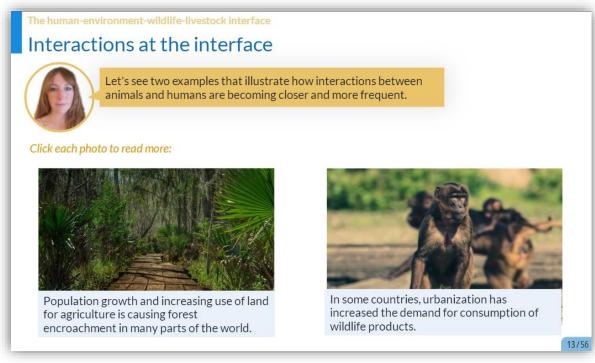
Duration: 40 minutes

- Explain the definition of the term One Health
- List the main disease events that shaped One Health
- Describe the importance of One Health
- Provide an example on how One Health approach could be applied in practice
- Identify the benefits and challenges of One Health approach



OH course modules

Module 2: Sources of pathogens



Duration: 45 minutes

- Explain the term "Human-Environment-Wildlife-Livestock Interface (HEWILI)"
- Explain basic concepts related to pathogens transmission at the interface
- Describe the role of food systems in pathogens transmission
- Give examples of diseases that have emerged due to interactions at the interface



Module 3: Understanding anthropogenic drivers of disease emergence

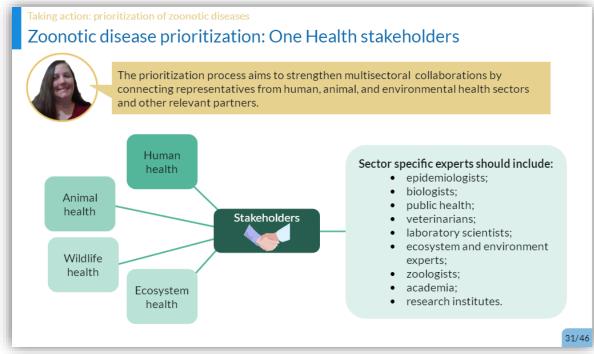


Duration: 40 minutes

- List the different types of disease emergence drivers at the Human-Environment-Wildlife-Livestock (HEWILI) interface
- Discuss how human population growth and globalization have driven disease emergence at HEWILI interface
- Explain the concepts of biodiversity, ecosystem health and planetary health and how these are linked to disease emergence
- Describe how climate change can drive emergence of disease and affect human health
- Discuss the benefit of a One Health approach in understanding and mitigating disease emergence at the interface



Module 4: Impact of infectious diseases



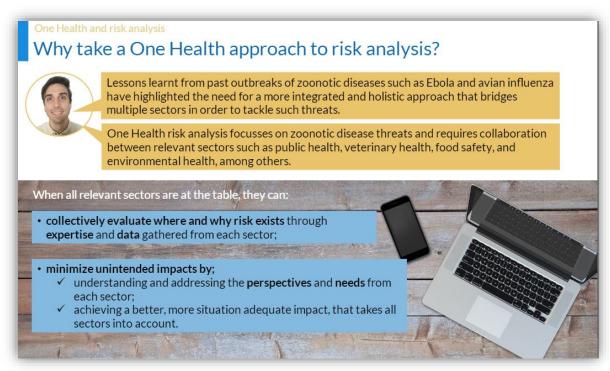
Duration: 35 minutes

- List the types of impacts caused
- Outline the methods that can be used to estimate the impacts of infectious diseases
- Explain the importance of information on the global burden of infectious diseases
- Explain why some zoonotic diseases are considered neglected
- Explain the importance of zoonotic disease prioritization



OH course modules

Module 5: Principles of risk analysis: A One Health perspective



Duration: 40 minutes

- Explain the purpose and the benefits of risk analysis
- Describe the process of risk analysis
- Explain fundamental concepts and terminology associated with risk analysis (likelihood, consequences, uncertainty, qualitative, quantitative)
- Explain the importance of a **One Health approach** in risk assessment
- Provide examples of risk mitigation measures, considering a One Health perspective



Collecting nominations: July – August 2023

Participants are expected to:

- be able to use what they learn in the course to contribute to the implementation of the One Health approach in the way their organization works
- speak English
- have the availability to dedicate to the course the estimated number of hours

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Country	Firstname	Surname (Family Name)	Email Address (one per nominee)	Position	Background (e.g. animal health, public health)
		Country Firstname	Country Firstname Surname	Country Firstname Surname Email Address	Country Firstname Surname Email Address Position



Thank you!



Please feel free to reach out:

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