VET603 One Health for Biodiversity Conservation

View Online

1.

King LJ. Combating the Triple Threat: The Need for a One Health Approach. In: Atlas RM, Maloy SR, eds. One Health: People, Animals, and the Environment. ASM Press; 2014:3-14. https://ebookcentral.proquest.com/lib/murdoch/reader.action?ppg=16&docID=1678949&tm=1515575683923

2.

American Society for Microbiology. One Health and the Lessons Learned from the 1999 West Nile Virus Outbreak (MWV46). Published online 23AD. https://www.youtube.com/watch?v=D0kicnRNx64

3.

Zinsstag J, Schelling E, Waltner-Toews D, Whittaker M, Tanner M, eds. One Health: The Theory and Practice of Integrated Health Approaches. CABI; 2015. http://ebookcentral.proquest.com/lib/murdoch/detail.action?docID=1983126

4.

The World Bank. People, Pathogens and Our Planet; Volume 1: Towards a One Health Approach for Controlling Zoonotic Diseases. Published online 2010. http://siteresources.worldbank.org/INTARD/Resources/PPP_Web.pdf

5.

FAO, OIE, WHO, UNSIC, UNICEF, and the World Bank. Contributing to One World, One Health: A Strategic Framework for Reducing Risks of Infectious Diseases at the Animal-Human-Ecosystems Interface. Published online 2008. http://www.fao.org/docrep/011/aj137e/aj137e00.htm

6.

Steven O, Richard K, Michael K, et al. Friends for life; New partners in support of protected areas. Chapter 5. Published online 2005. https://portals.iucn.org/docs/library/html/Friends-for-life/chapter5.html

7.

Richard K. Drivers of disease emergence and spread: Is wildlife to blame? Published online 2014. http://www.ojvr.org/index.php/ojvr/article/viewFile/739/1069

8.

Daszak P. Collaborative research approaches to the role of wildlife in zoonotic disease emergence. In: Wildlife and Emerging Zoonotic Diseases: The Biology, Circumstances and Consequences of Cross-Species Transmission. Vol Current topics in microbiology and immunology. Springer; 2007:463-475.

9.

Daszak P. Emerging Infectious Diseases and the Socio-ecological Dimension. EcoHealth. 2005;2(4):239-240. doi:10.1007/s10393-005-8613-7

10.

Steve M. What is biodiversity and why is it important? Published online 15AD. https://www.youtube.com/watch?v=7tgNamjTRkk

11.

Anantha Kumar Duraiappah. Millenium Ecosystem Assessment. Ecosystems and Human Well-being: Biodiversity Synthesis. http://www.millenniumassessment.org/documents/document.354.aspx.pdf

12.

Pavan Sukhdev: Put a value on nature! | TED Talk | TED.com. https://www.ted.com/talks/pavan_sukhdev_what_s_the_price_of_nature?language=en

13.

Cardinale BJ, Duffy JE, Gonzalez A, et al. Biodiversity loss and its impact on humanity. Nature. 2012;486(7401):59-67. doi:10.1038/nature11148

14.

TEEB. The Economics of Ecosystems and Biodiversity: Mainstreaming the Economics of Nature: A synthesis of the approach, conclusions and recommendations of TEEB. Published online 2010. https://wedocs.unep.org/bitstream/handle/20.500.11822/7851/-The%20TEEB%20Synthesis%20Report-2010982.pdf?sequence=5&amp%3BisAllowed=y%2C%20Chinese%7C%7Chttps%3A//wedocs.unep.org/bitstream/handle/20.500.11822/7851/TEEB_CH.pdf

15.

Richardson RB. Ecosystem Services and Food Security: Economic Perspectives on Environmental Sustainability. Sustainability. 2010;2(11):3520-3548. doi:10.3390/su2113520

16.

Corvalán C, Hales S, McMichael AJ, Millennium Ecosystem Assessment (Program), World Health Organization. Millenium Ecosystem Assessment. Ecosystems and Human Well-Being: Health Synthesis. World Health Organization; 2005. https://ebookcentral.proquest.com/lib/murdoch/detail.action?docID=284690

17.

IUCN. Biodiversity and Human Health. Published online 31AD. https://www.youtube.com/watch?v=oO-lGCErNiI

18.

Hough RL. Biodiversity and human health: evidence for causality? Biodiversity and Conservation. 2014;23(2):267-288. doi:10.1007/s10531-013-0614-1

19.

Fisher B, Christopher T. Poverty and biodiversity: Measuring the overlap of human poverty and the biodiversity hotspots. Ecological Economics. 2007;62(1):93-101. doi:10.1016/j.ecolecon.2006.05.020

20.

McMichael AJ. Health and disease : an ecological perspective. Chapter 11. In: Human Frontiers, Environments and Disease: Past Patterns, Uncertain Futures. Cambridge University Press; 2001:318-340. https://ebookcentral.proquest.com/lib/murdoch/detail.action?docID=202372

21.

Does Poverty Rise as Biodiversity Falls? - Pavan Sukhdev. Published online 7AD. https://www.youtube.com/watch?v=NrUWelzWqFc

22.

Suich H, Howe C, Mace G. Ecosystem services and poverty alleviation: A review of the empirical links. Ecosystem Services. 2015;12:137-147. doi:10.1016/j.ecoser.2015.02.005

23.

Baker S, Paddock J, Smith AM, Unsworth RKF, Cullen-Unsworth LC, Hertler H. An ecosystems perspective for food security in the Caribbean: Seagrass meadows in the Turks and Caicos Islands. Ecosystem Services. 2015;11:12-21. doi:10.1016/j.ecoser.2014.07.011

24.

Murray KA, Daszak P. Human ecology in pathogenic landscapes: two hypotheses on how land use change drives viral emergence. Current Opinion in Virology. 2013;3(1):79-83. doi:10.1016/j.coviro.2013.01.006

25.

Patz JA, Daszak P, Tabor GM, et al. Unhealthy Landscapes: Policy Recommendations on Land Use Change and Infectious Disease Emergence. Environmental Health Perspectives. 2004;112(10):1092-1098. doi:10.1289/ehp.6877

26.

Gottdenker NL, Streicker DG, Faust CL, Carroll CR. Anthropogenic Land Use Change and Infectious Diseases: A Review of the Evidence. EcoHealth. 2014;11(4):619-632. doi:10.1007/s10393-014-0941-z

27.

Forests and emerging infectious diseases of humans. Published 2006. http://www.fao.org/tempref/docrep/fao/009/a0789e/a0789e03.pdf

28.

FAO. Forestry and malaria control in Italy. Published 2006. http://www.fao.org/3/a0789e/a0789e04.htm

29.

Bradley CA, Altizer S. Urbanization and the ecology of wildlife diseases. Trends in Ecology & Evolution. 2007;22(2):95-102. doi:10.1016/j.tree.2006.11.001

30.

Kilpatrick AM. Globalization, Land Use, and the Invasion of West Nile Virus. Science. 2011;334(6054):323-327. doi:10.1126/science.1201010

31.

Altizer S, Ostfeld RS, Johnson PTJ, Kutz S, Harvell CD. Climate Change and Infectious Diseases: From Evidence to a Predictive Framework. Science. 2013;341(6145):514-519. doi:10.1126/science.1239401

32.

60 minutes Tasmanian Devils. https://search.informit.com.au/media;dn=TSM201511010137;res=TVNEWS;type=mp4

33.

Aguirre AA, Tabor GM. Global Factors Driving Emerging Infectious Diseases. Annals of the New York Academy of Sciences. 2008;1149(1):1-3. doi:10.1196/annals.1428.052

34.

Lafferty KD, Gerber LR. Good Medicine for Conservation Biology: the Intersection of Epidemiology and Conservation Theory. Conservation Biology. 2002;16(3):593-604. doi:10.1046/j.1523-1739.2002.00446.x

35.

McCallum H. Tasmanian devil facial tumour disease: lessons for conservation biology. Trends in Ecology & Evolution. 2008;23(11):631-637. doi:10.1016/j.tree.2008.07.001

36.

Schloegel LM, Hero JM, Berger L, Speare R, McDonald K, Daszak P. The Decline of the Sharp-Snouted Day Frog (Taudactylus acutirostris): The First Documented Case of Extinction by Infection in a Free-Ranging Wildlife Species? EcoHealth. 2006;3(1):35-40. doi:10.1007/s10393-005-0012-6

37.

Daszak P, Cunningham AA. Extinction by infection. Trends in Ecology & Evolution. 1999;14(7). doi:10.1016/S0169-5347(99)01665-1

38.

Skerratt LF, Berger L, Speare R, et al. Spread of Chytridiomycosis Has Caused the Rapid Global Decline and Extinction of Frogs. EcoHealth. 2007;4(2):125-134. doi:10.1007/s10393-007-0093-5

39.

Tompkins DM, Carver S, Jones ME, Krkošek M, Skerratt LF. Emerging infectious diseases of wildlife: a critical perspective. Trends in Parasitology. 2015;31(4):149-159. doi:10.1016/j.pt.2015.01.007

40.

MacPhee RDE, Greenwood AD. Infectious Disease, Endangerment, and Extinction. International Journal of Evolutionary Biology. 2013;2013:1-9. doi:10.1155/2013/571939

41.

Frequently Asked Questions | White-Nose Syndrome. https://www.whitenosesyndrome.org/faqs

42.

ProMED-mail post - The importance of collaboration for White Nose Syndrome research. http://www.promedmail.org/direct.php?id=20130730.1853096

43.

ProMED-mail post - Distemper in Tigers. http://www.promedmail.org/direct.php?id=20141106.2935060

44.

Kate E. Jones,Nikkita G. Patel,Marc A. Levy,Adam Storeygard,Deborah Balk,John L. Gittleman. Global trends in emerging infectious diseases. Nature. https://go.galegroup.com/ps/i.do?p=ITOF&u=murdoch&id=GALE|A189748388&v=2.1&it=r&sid=summon&userGroup=murdoch&authCount=1

45.

Monkey Malaria: It's long been thought that there are 4 only species of malaria parasites that can be hosted by humans, but now it's been discovered in Malaysian Borneo that there's a fifth, and it jumps the species barrier, spreading from monkeys to humans. https://search.informit.com.au/media;dn=TEX20091301871;res=TVNEWS;type=mp4

46.

R B, R K, J F. Infectious animal diseases: the wildlife/livestock interface. OIE Revue Scientifique et Technique. 2002;21(1). http://www.oie.int/doc/ged/d522.pdf

47.

Miller M, Olea-Popelka F. One Health in the shrinking world: Experiences with tuberculosis at the human–livestock–wildlife interface. Comparative Immunology, Microbiology and Infectious Diseases. 2013;36(3):263-268. doi:10.1016/j.cimid.2012.07.005

48.

Plowright RK, Eby P, Hudson PJ, et al. Ecological dynamics of emerging bat virus spillover. Proceedings of the Royal Society B: Biological Sciences. 2014;282(1798):20142124-20142124. doi:10.1098/rspb.2014.2124

49.

Wiethoelter AK, Beltrán-Alcrudo D, Kock R, Mor SM. Global trends in infectious diseases at the wildlife–livestock interface. Proceedings of the National Academy of Sciences. 2015;112(31):9662-9667. doi:10.1073/pnas.1422741112

50.

Chapter 4. In: One Health: The Theory and Practice of Integrated Health Approaches. http://murdoch.eblib.com/patron/Read.aspx?p=1983126&pg=1

51.

Peter Daszak at TEDMED 2010. Published online 13AD. https://www.youtube.com/watch?v=cPFGX7t4KJE

52.

Beyond Fences - ICCF - January 27, 2010. http://www.wcs-ahead.org/webcasts/iccf_1_2010.html

53.

Black-footed Ferret Recovery Program - John Hughes. Published online 9AD. https://www.youtube.com/watch?v=BAqCkPjeScE

54.

Wildlife Trade: Threat to Global Health. http://download.springer.com/static/pdf/139/art%253A10.1007%252Fs10393-004-0081-y.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%2Fs10393-004-0081-y&token2=exp=1454135662~acl=%2Fstatic%2Fpdf%2F139%2Fart%25253A10.1007%25252Fs10393-004-0081-y.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs10393-004-0081-y*~hmac=dc9628f710f24bebc9692a7faa017924c0f23f7fc6992570446d307f059e5195

55.

Karesh WB, Cook RA, Bennett EL, Newcomb J. Wildlife Trade and Global Disease Emergence. Emerging Infectious Diseases. 2005;11(7):1000-1002. doi:10.3201/eid1107.050194

56.

Smith KF, Behrens M, Schloegel LM, Marano N, Burgiel S, Daszak P. Reducing the Risks of the Wildlife Trade. Science. 2009;324(5927):594-595. doi:10.1126/science.1174460

57.

Walker SF, Bosch J, James TY, et al. Invasive pathogens threaten species recovery programs. Current Biology. 2008;18(18):R853-R854. doi:10.1016/j.cub.2008.07.033

58.

Mathews F, Moro D, Strachan R, Gelling M, Buller N. Health surveillance in wildlife reintroductions. Biological Conservation. 2006;131(2):338-347. doi:10.1016/j.biocon.2006.04.011

59.

Aiello CM, Nussear KE, Walde AD, et al. Disease dynamics during wildlife translocations: disruptions to the host population and potential consequences for transmission in desert tortoise contact networks. Animal Conservation. 2014;17(S1):27-39. doi:10.1111/acv.12147

60.

L S, et al. Wildlife Trade and the Emergence of Infectious Diseases. Published 2007. http://link.springer.com/article/10.1007/s10393-006-0076-y/fulltext.html

61.

One-on-One Interview with Dr. William Karesh. Published online 30AD. https://www.youtube.com/watch?v=SxJWct7yuas

62.

BBC World Service - Health Check, Eating Bushmeat. http://www.bbc.co.uk/programmes/p02871pm

63.

Karesh WB, Noble E. The Bushmeat Trade: Increased Opportunities for Transmission of Zoonotic Disease. Mount Sinai Journal of Medicine: A Journal of Translational and Personalized Medicine. 2009;76(5):429-434. doi:10.1002/msj.20139

64.

Threatened: The controversial struggle of the Southern Sea Otter. Published online 2012. http://www.palomar.edu/pctv/otter_doc.shtml

65.

Bossart GD. Marine Mammals as Sentinel Species for Oceans and Human Health. Veterinary Pathology. 2011;48(3):676-690. doi:10.1177/0300985810388525

66.

Harvell CD. Emerging Marine Diseases--Climate Links and Anthropogenic Factors. Science. 1999;285(5433):1505-1510. doi:10.1126/science.285.5433.1505

67.

Bondad-Reantaso MG, Subasinghe RP, Arthur JR, et al. Disease and health management in Asian aquaculture. Veterinary Parasitology. 2005;132(3-4):249-272. doi:10.1016/j.vetpar.2005.07.005

68.

Shapiro K, Conrad PA, Mazet JAK, Wallender WW, Miller WA, Largier JL. Effect of Estuarine Wetland Degradation on Transport of Toxoplasma gondii Surrogates from Land to Sea. Applied and Environmental Microbiology. 2010;76(20):6821-6828. doi:10.1128/AEM.01435-10

69.

Sigler M. The Effects of Plastic Pollution on Aquatic Wildlife: Current Situations and Future Solutions. Water, Air, & Soil Pollution. 2014;225(11). doi:10.1007/s11270-014-2184-6

70.

Abalone virus raises concerns about fish farming. http://www.abc.net.au/radionational/programs/bushtelegraph/abalone/4975412

71.

Walker CH. Chapter 1. In: Ecotoxicology: Effects of Pollutants on the Natural Environment. CRC Press; 2014:3-8.

72.

Arnold KE, Brown AR, Ankley GT, Sumpter JP. Medicating the environment: assessing risks of pharmaceuticals to wildlife and ecosystems. Philosophical Transactions of the Royal Society B: Biological Sciences. 2014;369(1656):20130569-20130569. doi:10.1098/rstb.2013.0569

73.

Jones KC, de Voogt P. Persistent organic pollutants (POPs): state of the science. Environmental Pollution. 1999;100(1-3):209-221. doi:10.1016/S0269-7491(99)00098-6

74.

UNEP. Ridding the world of POPs: A guide to the Stockholm Convention on Persistant Organic Pollutants. Published online 2010. http://chm.pops.int/Portals/0/download.aspx?d=UNEP-POPS-PAWA-GUID-RIDDING.En.pdf

75.

Persistent Organic Pollutants: A Global Issue, A Global Response. http://www.epa.gov/international-cooperation/persistent-organic-pollutants-global-issue-global-response#table

76.

Mahapatro GK, Arunkumar K. The case for banning diclofenac and the vanishing vultures. Biodiversity. 2014;15(4):265-268. doi:10.1080/14888386.2014.978374

77.

Finkelstein ME, Doak DF, George D, et al. Lead poisoning and the deceptive recovery of the critically endangered California condor. Proceedings of the National Academy of Sciences. 2012;109(28):11449-11454. doi:10.1073/pnas.1203141109

78.

Peters EC, Gassman NJ, Firman JC, Richmond RH, Power EA. Ecotoxicology of tropical marine ecosystems. Environmental Toxicology and Chemistry. 1997;16(1):12-40. doi:10.1002/etc.5620160103

79.

Sea week: Picture the world's biggest dump and you probably don't picture an ocean. Behind The News. https://search.informit.com.au/media;dn=TSM201509010005;res=TVNEWS;type=mp4

80.

FluCheck - World Health Organisation. http://www.who.int/influenza/resources/documents/FluCheck6web.pdf?ua=1

81.

Pedersen K, Baroch JA, Nolte DL, Gidlewski T, Deliberto TJ. The Role of the National Wildlife Disease Program in Wildlife Disease Surveillance and Emergency Response. USDA National Wildlife Research Center - Staff Publications. Published online 2012:74-80. http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=2174&context=icwdm_usdanwrc

82.

AUSVETPLAN Manuals and Documents - Animal Health Australia. https://www.animalhealthaustralia.com.au/our-publications/ausvetplan-manuals-and-documents/

83.

Bisson IA, Ssebide BJ, Marra PP. Early Detection of Emerging Zoonotic Diseases with Animal Morbidity and Mortality Monitoring. EcoHealth. 2015;12(1):98-103. doi:10.1007/s10393-014-0988-x

84.

Atlas RM, Maloy SR, eds. One Health: People, Animals, and the Environment. ASM Press; 2014. http://ebookcentral.proquest.com/lib/murdoch/detail.action?docID=1678949

85.

McCloskey B, Dar O, Zumla A, Heymann DL. Emerging infectious diseases and pandemic potential: status quo and reducing risk of global spread. The Lancet Infectious Diseases. 2014;14(10):1001-1010. doi:10.1016/S1473-3099(14)70846-1

86.

Sands P, Mundaca-Shah C, Dzau VJ. The Neglected Dimension of Global Security — A Framework for Countering Infectious-Disease Crises. New England Journal of Medicine. 2016;374(13):1281-1287. doi:10.1056/NEJMsr1600236

87.

Review on Antimicrobial Resistance. Antimicrobials in agriculture and the environment - Reducing unnecessary use and waste.pdf. http://amr-review.org/sites/default/files/Antimicrobials%20in%20agriculture%20and%20the%20environment%20-%20Reducing%20unnecessary%20use%20and%20waste.pdf

88.

Carroll D, Wang J, Fanning S, McMahon BJ. Antimicrobial Resistance in Wildlife: Implications for Public Health. Zoonoses and Public Health. 2015;62(7):534-542. doi:10.1111/zph.12182

89.

Bonnedahl J, Järhult JD. Antibiotic resistance in wild birds. Upsala Journal of Medical Sciences. 2014;119(2):113-116. doi:10.3109/03009734.2014.905663

90.

Cabello FC, Godfrey HP, Tomova A, et al. Antimicrobial use in aquaculture re-examined: its relevance to antimicrobial resistance and to animal and human health. Environmental Microbiology. 2013;15(7):1917-1942. doi:10.1111/1462-2920.12134

91.

Hoffman SJ, Outterson K, Røttingen JA, et al. Bulletin of the World Health Organization - An international legal framework to address antimicrobial resistance. Bulletin of the World Health Organization. 2015;93(2):66-66. doi:10.2471/BLT.15.152710

92.

Global Risks 2013 - World Economic Forum - The Dangers of Hubris on Human Health. http://reports.weforum.org/global-risks-2013/risk-case-1/the-dangers-of-hubris-on-human-health/

93.

Likens GE. The role of science in decision making: does evidence-based science drive environmental policy? Frontiers in Ecology and the Environment. 2010;8(6):e1-e9. doi:10.1890/090132

94.

Buttke DE, Decker DJ, Wild MA. THE ROLE OF ONE HEALTH IN WILDLIFE CONSERVATION: A CHALLENGE AND OPPORTUNITY. Journal of Wildlife Diseases. 2015;51(1):1-8. doi:10.7589/2014-01-004

95.

Bryant C. Does Australia need a more effective policy of science communication? International Journal for Parasitology. 2003;33(4):357-361. doi:10.1016/S0020-7519(03)00004-3

96.

Fournier A, Young I, Rajić A, Greig J, LeJeune J. Social and Economic Aspects of the Transmission of Pathogenic Bacteria between Wildlife and Food Animals: A Thematic Analysis of Published Research Knowledge. Zoonoses and Public Health. 2015;62(6):417-428. doi:10.1111/zph.12179