

Zoonosis* Mitigation Finance for Pandemic Preparedness:

Calculating the Superior Value of Services provided by Nature, using the EAP Cost Accounting Method

Using the method to help communities validate 'risk reduction' spending

(* Zoonosis = the process by which pathogens jump between species – including humans)



Source:

Cambodian Jungle ភាសាខ្មែរ: ព្រៃកម្ពុជា, 18 July 2014, Author: Dmitry Makeev: CC4.0. Width modified.

Financial Case Concept:

Managing natural ecosystems to minimize Zoonosis Risk. Using EAP to validate the Public Health business case, to invest in sustainable local development programs as a public health measure: to slow down & minimize risk of pathogens jumping from animals to humans.

The *Ecological Accounting Process (EAP)* use case is to provide justifiable budget rationale to invest in public natural resources, to benefit from intangible/hard-to-forecast risk/cost/reward/scenarios.



Coronavirus Transmission Cycle

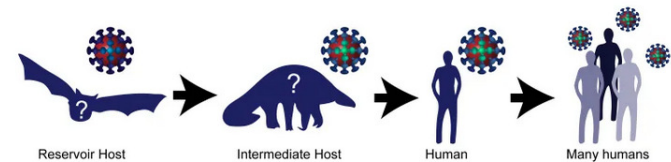


Figure 1: Current hypothesis of the chain of transmission for SARS-CoV-2 coronavirus. The virus is thought to have originated in bats (reservoir host) and transmitted to intermediate hosts (not confirmed, though one suspected species is pangolins). The virus likely developed mutations, or changes, that enabled it to transmit from intermediate hosts to humans and afterwards spread through human-to-human transmission.

Source:

<https://sitn.hms.harvard.edu/flash/2020/covid-19-emerging-viral-diseases-journey-animals-humans/>

Original EAP Report to Government (Public Domain):

https://waterbucket.ca/gi/wp-content/uploads/sites/4/2020/06/Kilmer-Creek-in-North-Vancouver_Report-on-EAP-Application_as-posted_June2020.pdf

1-page ESG Impact Investing explanation for Business Investors:

https://davehuer.com/wp-content/uploads/2020/08/Comment_Natural-Commons-Assets-Valuation-for-ESG-Investors_Aug2020b-online.pdf

This is an independent conceptual application of the EAP public accounting method, April 2021.

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