***EcoHealth Alliance Countries***

***Core Activities:***

**Australia**

* Partners: Queensland Centre for Emerging infectious Diseases; CSIRO Australian Animal Health Laboratory
* Hosts: primarily bats
* Pathogens: Henipaviruses; Coronaviruses; other paramyxoviruses

**Bangladesh**

* Partners: EcoHealth Alliance local office; ICDDR,B; Department of Livestock Services; Bangladesh Forest Department; Institute of Epidemiology Disease Control & Research (IEDCR); FAO (ECTAD); Chittagong Veterinary and Animal Science University (CVASU) [all are also members of the One Health Alliance of South Asia (OHASA), and EHA program.
* Hosts: Primarily bats, rodents, non-human primates and birds
* Pathogens: Intensive surveillance for Nipah virus, Influenza, herpes B, Paramyxoviruses, plus other viral families

**Bolivia**

* Partner: Bolivian Bat Conservation Program –BIOTA; Institute of Molecular Biology and Biotechnology of Universidad Mayor de San Andrés
* Hosts: Primarily bats, rodents, non-human primates and birds
* Pathogens: PREDICT viral family pathogen screening

**Brazil**

* Partner: EcoHealth Alliance Brasil; Universidade de São Paulo; Fundação Oswaldo Cruz (Fiocruz); Instuto de Pesquisas Ecológicas (IPÊ)
* Hosts: Primarily bats, rodents, and non-human primates
* Pathogens: PREDICT viral family pathogen screening

**China**

* Partner: East China Normal University; Wuhan Institute of Virology; CDC of Guangdong Province; Guangdong Institute of Public Health; Guangdong Entomological Institute; Guangxi Normal University, Beijing Institute of Zoology, Shanghai CDC; Yunnan Institute of Endemic Disease; Jiangsu Province CDC
* Hosts: Primarily bats, rodents, and birds; farmed and wild
* Pathogens: Intensive surveillance for Influenza, Coronaviruses, Paramyxoviruses, Astroviruses, and other viral families

**Colombia**

* Partner: School of Veterinary Medicine, Fundación Universitaria San Martín
* Hosts: Primarily bats, rodents, and non-human primates
* Pathogens: PREDICT viral family pathogen screening

**Democratic Republic of Congo**

* Partners: Mountain Gorilla Veterinary Project

**Guatemala**

* Partner: Universidad del Valle de Guatemala
* Hosts: Bats
* Pathogens: Surveillance for viral families

**India**

* Partners: Public Health Foundation of India; Wildlife Institute of India, National Center for Disease Control, Indian Veterinary Research Institute, WHO India – all are members of the One Health Alliance of South Asia, an EHA program.
* Hosts: Bats, rodents and non-human primates
* Pathogens: PREDICT viral family pathogen screening

**Indonesia**

* Partner: Primate Research Center at the Institute Pertanian Bogor (Bogor Agricultural Institute); KomNas Zoonosis Control; Eijkman Institute for Molecular Biology; Indonesian Institute of Science; Universitas Sam Ratulangi; Padjadjaran University; Ministries of Health, Agriculture & Forestry
* Hosts: Bats, rodents, and non-human primates
* Pathogens: PREDICT viral family pathogen screening

**Malaysia**

* Partners: Conservation Medicine Malaysia; Department of Wildlife and National Parks (DWNP/PERHILITAN); The Veterinary Research Institute (Ministry of Agriculture); Ministry of Health; Sabah Wildlife Department; National Public Health Laboratory; Department of State Health, Sabah; Danau Girang Field Center; Queen Elizabeth State Hospital, University Malaysia, Sabah.
* Hosts: Primarily bats, rodents, and non-human primates, plus additional wildlife and archived Orang Asli human samples; active human surveillance with MOH
* Pathogens: PREDICT viral family pathogen screening

**Mexico**

* Partners: Universidad Nacional Autónoma de México; Bioconciencia
* Hosts: primarily bats and rodents
* Pathogens: PREDICT viral family pathogen screening

**Myanmar**

* Partners: Green Economy Green Growth; University of Sheffield

**Nepal**

* Partners: Center for Molecular Dynamics, Kathmandu; Nepal Agricultural University, Dept. of Health Epidemiology and Disease Control Division; Ntioanl Zoonoses and Food Hygiene Research Center; (OHASA members)
* Hosts: Bats, rodents, primates
* Pathogens: Nipah virus, PREDICT viral family screening

**The Philippines**

* Partners: Bureau of Animal Industries, Ministry of Agriculture; Biodiversity Management Bureau. Department of Environment and Natural Resources; FAO Regional Office for Asia and the Pacific
* Hosts: primarily bats
* Pathogens: Ebola Reston virus; henipaviruses; filoviruses

**Republic of Congo**

* Partners: Ministry of Health; Ministry of Forest Economy

**Rwanda**

* Partners: Mountain Gorilla Veterinary Project

**Saudi Arabia**

* Partners: Zoology Department, King Saud University
* Hosts: Bats and camels
* Pathogens: MERS-CoV

**South Africa**

* Partners: the National Institute of Communicable Diseases’ Center for Emerging and Zoonotic Disease; Free State Department of Economic Development, Tourism & Environmental Affairs; South Africa National Parks; University of Pretoria; RSA Department of Defense
* Hosts: domestic animals (e.g. cattle, sheep, goats, kudu, springbok and blesbok) and wildlife (buffalo, kudu and waterbuck, etc.), mosquitoes, and humans
* Pathogens: Rift Valley Fever

**Thailand**

* Partners: King Chulalongkorn Memorial Hospital at Chulalongkorn University; Ministry of Resources & Environment; Ministry of Agriculture; National Institute of Animal Health; Ministry of Public Health; Research Inst of Med Sciences; Zoo Park Organization of Thailand; Mahidol University, MOZWE; Faculty of Forestry, Kasetsart Univ;
* Hosts: domestic animals (e.g. sheep, goats) and wild (springbok, buffalo, kudu, etc.); human syndromic surveillance
* Pathogens: PREDICT viral family pathogen screening

**Uganda**

* Partners: Mountain Gorilla Veterinary Project

***EcoHealth Alliance Partners***

**Argentina:**

* Aquamarina

**Madagascar**

* Partners: Université d'Antananarivo

**Sri Lanka**

* Centre for Conservation Research

**Uruguay**

* Partners: Instituto de Conservacion Neotropical

**Venezuela:**

* Partners: Provita

***Professional Networks:***

**One Health Alliance of South Asia (OHASA) (organized by Dr. Epstein):**

* Core Countries: Bangladesh, India, Nepal, Pakistan
* Collaborating Countries: Bhutan, Myanmar, Sri Lanka

**IUCN SSC Wildlife Health Specialist Group (Chaired by Dr. Karesh):**

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| --- | --- | --- | --- |
| **Country** | | | |
| Albania | Germany | Mozambique | Sri Lanka |
| Argentina | Ghana | Namibia | Sudan |
| Australia | Guadeloupe | Nepal | Sweden |
| Austria | Guatemala | Netherlands | Switzerland |
| Benin | Hong Kong | New Zealand | Syria |
| Bolivia | Hungary | Nigeria | Taiwan |
| Botswana | India | Norway | Tajikistan |
| Brazil | Indonesia | Pakistan | Tanzania |
| Burkina Faso | Iran | Palestinian Territory | Thailand |
| Cambodia | Iraq | Peru | Trinidad and Tobago |
| Cameroon | Israel | Portugal | Turkey |
| Canada | Italy | RoC | Uganda |
| Chile | Japan | Russia | Ukraine |
| China | Jordan | Rwanda | United Arab Emirates |
| Colombia | Kenya | Saudi Arabia | United Kingdom |
| Costa Rica | Kyrgyzstan | Slovenia | United States |
| Cyprus | Malawi | Somalia | Uzbekistan |
| DRC | Malaysia | South Africa | Zambia |
| France | Mexico | South Korea | Zimbabwe |
| Gabon | Mongolia | Spain |  |