***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),
  + EHA program.
* Hosts:
  + Primarily bats,
  + rodents,
  + non-human primates
  + 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,
  + 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,
  + birds
* Pathogens:
  + Intensive surveillance for Influenza,
  + Coronaviruses,
  + Paramyxoviruses,
  + Astroviruses,
  + other viral families

**Colombia**

* Partners:
  + 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
  + 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,
  + 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,
  + 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
  + 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,
  + 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):**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |  |