A WORLD WITHOUT PANDEMICS
MISSION STATEMENT

EcoHealth Alliance leads scientific research into the critical connections between human, animal, and environmental health. We develop solutions that prevent pandemics and promote conservation.

ABOUT ECOHEALTH ALLIANCE

EcoHealth Alliance is the world’s premier nonprofit organization dedicated to protecting humans, animals, and the environment from the ravages of disease emergence. Working in more than 30 countries worldwide, EcoHealth Alliance develops innovations in research, training, capacity building, policy initiatives, and designs tools and interventions to prevent pandemics and promote conservation.

To learn more or donate, please visit www.EcoHealthAlliance.org
With @PeterASands at the @EcoHealthNYC Cosmos Club event. Great speech on economics of global health and his new job as Director of the @GlobalFund.

Peter Daszak @PeterDaszak

Do you have what it takes to stop the next #pandemic? Become a disease detective @NMNH in the new #Outbreak exhibit! #VirusX #OneHealth #scicomm @EcoHealthNYC

FOLLOW OUR SCIENTISTS ON TWITTER

Jonathan Epstein @EpsteinJon
FY18
SENIOR MANAGEMENT TEAM

Dr. Peter Daszak
President

Dr. William Karesh
Executive Vice President for Health and Policy

Dr. Armine Arustamyan
Chief Financial Officer

Dr. Jonathan Epstein
Vice President for Science and Outreach

Dr. Kevin Olival
Vice President for Research

Dr. Carlos Zambrana-Torrelio
Associate Vice President for Conservation and Health

Anthony M. Ramos
Senior Director for Marketing and Development

Dr. Aleksei Chmura
Chief of Staff

Hanging with the #bats at @NMNH’s #Outbreak exhibit! Nice to see the conservation messaging on display! #OneHealth

Launch of 1st @doddtra project in #jordan Regional Network 4 #Zoonoses #EID #OneHealth #biodefense @EcoHealthNYC @GHSAgenda @USUN @POTUS

Kevin Olival
@nycbat

William Karesh
@Dr_Wildlife

FOLLOW ECOHEALTH ALLIANCE:
Dear Friends,

It is my great joy—and honor—to serve as Chair of the Board for EcoHealth Alliance. Among the privileges of such a position is my relationship with the dedicated scientists and staff who are the heart and soul of the organization.

Studying pandemic-potential viruses—and the factors that enable them to spread and devastate—may seem a bleak task, but everyone at EcoHealth Alliance makes it anything but. EcoHealth Alliance’s work fills me with hope: we can make a difference, and we are.

To our donors, I say: you are a part of our every accomplishment. We have discovered thousands of previously unknown viruses, we’ve established laboratories, educational programs, and disease surveillance teams all over the world, training thousands in an effort to expand global capacity to prepare for and fight new and emerging viruses. We also designed the first-ever AI-driven tool which organizes and analyzes medical reports from all around the world so as to better track outbreaks in real-time. Your support keeps us motivated.

Our commitment is to see a world without pandemics. We believe in cutting-edge science. We believe our health is linked to the health of all things around us. We believe that engaging experts of multidisciplinary backgrounds is necessary to tackle the world’s most pressing problems. We’re not slowing down, and from everyone at EcoHealth Alliance, I thank you for your support and your faith in our vision for the future.

Sincerely,

Ellen Shedlarz
Chair, EcoHealth Alliance
Dear Friends,

I’ll admit, the statistics are frightening. Each year 17 million people die from infectious diseases, a patch of forest roughly the size of Panama disappears from the planet forever, and between 200 and 2,000 species go completely extinct. Immediate action is, to put it lightly, imperative. So how do we prioritize?

At EcoHealth Alliance, we don’t think we have to. A healthy environment sustains us, a healthy respect for (and boundaries with) wild animals keeps them healthy, and, in turn, those animals keep our Earth’s myriad ecosystems running smoothly. It’s One Health, the idea that the health of everything sharing this planet is related, and it is the foundation of our work.

So maybe the headlines are grim. But behind them are our scientists at EcoHealth Alliance—a group of brilliant individuals from diverse backgrounds and areas of expertise—who dare to believe we can make a difference.

And looking back on our fiscal year 2018, it looks like we can. In the past 12 months alone, we published research on a diverse set of pathogens all around the globe, from coronaviruses like SARS in China to filoviruses like Ebola in Africa, and even fungal infections causing global amphibian extinctions. We published first-of-its-kind analysis determining there are around 1.67 million undiscovered viruses lurking somewhere out there, and we updated our revolutionary hotspots map of global pandemic risk, a roadmap to seek out and stop them before they start making people (and animals) sick.

Our vision at EcoHealth Alliance is a bold one: a world without pandemics. But we’re more than just big ideas. Every day, our scientists are turning that vision into action: determining the human-driven factors in disease spread and developing solutions, creating models to show conservation is both the healthy and financially beneficial choice, and working to put an end to illegal wildlife trade, which threatens endangered animals and serves as an ideal global network for the spread of deadly viruses.

Your support makes all this possible, and our promise to you is this: we won’t let you down.

Cheers,

Peter Daszak, PhD
President, EcoHealth Alliance
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A HOLISTIC APPROACH

ONE HEALTH considers the connections between the health of all things sharing our planet. It’s the building block of our work at EcoHealth Alliance, and fosters collaborations between diverse fields of scientific study to simultaneously protect the health of people, animals, and the environment.

HUMAN HEALTH:
At no point in human history have we all been as connected as we are today; any disease outbreak is just hours from our doorstep. We’re working to build capacity globally—through training, building diagnostic labs, and understanding regional behaviors—to prevent and respond to outbreaks.

ANIMAL HEALTH:
Wildlife trade poses more risks than just species extinction. Disease spread and the introduction of invasive species can damage the precious biodiversity that maintains a healthy planet. We are working to spread awareness about the often unintended side effects of wildlife trade.

ENVIRONMENTAL HEALTH:
Our Earth provides us with the resources necessary to sustain ourselves, but unsustainable environmental changes are harmful to our health. By connecting the economic cost of diseases linked to global environmental changes, we show that conservation isn’t just the responsible choice, but the financially sound one as well.
HUMAN HEALTH

About 75% of new and emerging infectious diseases originate in animal hosts. Our reshaping of the natural world has created the ideal conditions for disease spread: from increased contact with wild animals due to deforestation for agriculture to the shipment of non-native animals all over the world for food and traditional medicine.

EcoHealth Alliance created the first-ever evidence-based heat map to predict the source of future pandemics allowing more accurate targeting of areas in need of investment and research.

Our global field work has led to the detection of more than 1,000 unique viruses and the discovery of 815 completely new ones.

Our teams have trained more than 2,500 scientists, veterinarians, public health professionals, lab technicians, foreign government ministers, and medical personnel in disease prevention and prediction methods.
EcoHealth Alliance scientists were part of the global IPBES assessment that found we’re experiencing “unprecedented” biodiversity loss—one-in-four species is now threatened with extinction—which presents a major threat to the future of humanity. EcoHealth Alliance is working to tackle illegal wildlife trade; it’s not only a major threat to many endangered species’ futures but by shipping animals and animal products around the world we’re opening new routes of transmission for viruses which could infect us as well.

We can’t truly prepare to fight pandemic threats if we don’t know what’s out there: our teams have collected and tested more than 50,000 biological samples to get a more complete picture of which viruses are circulating where.

Following the SARS pandemic, our scientists traced its source back to bats sold in an open-air market.

We’re using that example to demonstrate the link between wildlife trade and viral spread: we work with governments around the world to help make markets like these safer and ensure that this deadly virus will not emerge again.
When natural land is altered—be it for urbanization, agriculture, or by extractive industries—it forces wild animals into closer contact with people, increasing the odds of disease exchange between the two. In fact, EcoHealth Alliance research has found that nearly one-in-three disease outbreaks can be linked to land-use change like deforestation.

We’ve created a modeling tool that calculates unintended costs (such as public health burden) of deforestation for use by government and industry decision makers:

Our scientists helped demonstrate that climate change-related irregular weather patterns and disease spread are linked, opening the doors for future collaborations:

We’ve pinpointed specific environmental drivers of disease emergence, such as precipitation, soil composition, and changing climates so as to better predict outbreaks and disease threat.
WHERE WE WORK

North America
United States

Central America
Mexico

South America
Bolivia

Africa
Guinea
Sierra Leone
Liberia
Côte d’Ivoire
Ghana
Egypt

South Africa
Ethiopia
Kenya
Eritrea
Republic of the Congo
Democratic Republic of the Congo

Asia
Turkey
Jordan
Kazakhstan
Pakistan
Georgia
Armenia
Myanmar
Thailand
Bangladesh
India
China
Indonesia
Malaysia
Singapore
Philippines

Australia
KORTU NDEBE  
EcoHealth Alliance Behavioral Surveillance Team Member  

“People in this country thought Ebola was a curse, a punishment from God. It was like Liberia was at war again. This work with EcoHealth Alliance helps to answer questions like how Ebola spread and what my country can do to stop it from happening again.”

SHANGZHENG WEI  
Farmer and EcoHealth Alliance Partner  

“Donors’ contributions to EcoHealth Alliance bring about positive changes in China, not only for the government, but also for someone like me and my friends in the community. They helped me check my facilities and tested for pathogens; I keep less animals now, but didn’t lose any income because there are less diseases and death.”

DR. CLAUDIA CORDEL  
Veterinarian and EcoHealth Alliance South Africa Country Liaison  

“Our project, as the first of its kind in the One Health arena in Southern Africa, has established a baseline for the national and regional development of the One Health concept. It has improved the capacity for South Africa to be a leader in vector-borne diseases and Rift Valley fever epidemiology.”

— Peter Daszak, PhD  
President, EcoHealth Alliance

“Our vision at EcoHealth Alliance is a bold one: a world without pandemics.”
FINANCIAL STATEMENTS

FY2018 INCOME:

- **91%** Government Grants: $15,085,333
- **4%** Foundations and Corporations: $690,642
- **1%** Individuals: $70,522
- **1%** Investment Income: $165,945
- **1%** Other Income: $162,449
- **2%** Special Events Income: $371,858

TOTAL INCOME: $16,546,749
*Includes investment gains of $96,532

FY2018 EXPENSES:

- **90%** Program: $14,739,869
- **3%** External Relations: $529,326
- **6%** Administration: $947,391
- **1%** Special Events: $99,748

TOTAL EXPENSES: $16,316,334
CHANGE IN NET ASSETS: $230,415

The firm of Loeb & Troper audited the Consolidated Statements of EcoHealth Alliance as of June 30, 2018 including the Consolidated Balance sheet, Consolidated Statement of Activities, Consolidated Statement of Functional Expense, and Consolidated Statement of Cash Flows. The above presentation has been derived from those audited financial statements. Copies of the audit as well as the Internal Revenue Service Form 990 tax return are available upon request to Armine Arustamyan, Chief Financial Officer at EcoHealth Alliance, 460 West 34th Street, Ste. 1701, New York, NY 10001.

EcoHealth Alliance stands among only four percent of charities evaluated by Charity Navigator to receive at least eight consecutive 4-star evaluations.

SUPPORT OUR WORK AT
EcoHealthAlliance.org/donate