

One World - One Early Warning System

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Diseases*

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Manhattan Principle #3

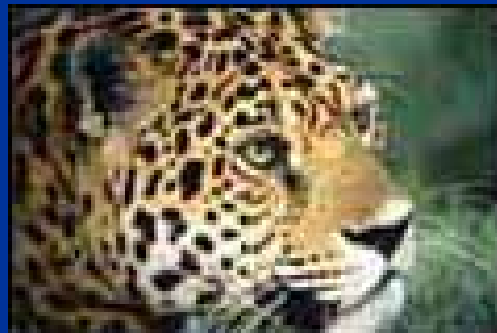
Include wildlife health science as an essential component of

global disease

prevention,

surveillance, monitoring,

control and mitigation.



Manhattan Principle #5

Devise adaptive, holistic and forward-looking approaches to the prevention, **surveillance, monitoring,** control and mitigation of **emerging and resurging diseases**



Manhattan Principle #9

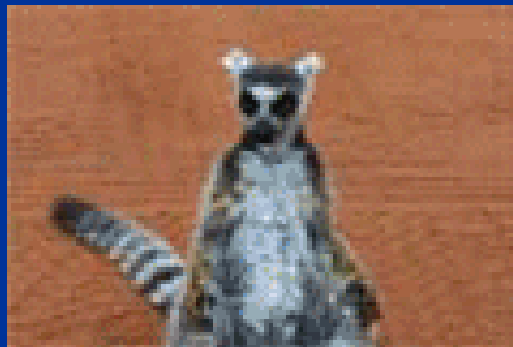
Enhanced capacity for global
human and animal health

surveillance

and for clear,

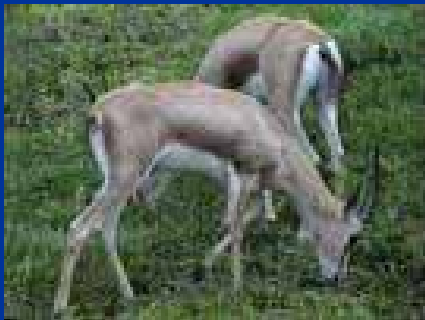
timely information-sharing

(that takes language barriers into account)...



Manhattan Principle #11

Provide adequate resources and support for **global wildlife health surveillance networks** that exchange disease information with the **public health and agricultural animal health**



communities as part of **early warning systems** for the



emergence and resurgence of disease threats.

There is only one

Global surveillance system that covers
human, animal, & crop diseases

7 days a week

365 days a year

in

6 languages

and that is

ProMED



<www.promedmail.org>

Examples

CHRONIC WASTING DISEASE, MOOSE – USA (COLORADO)

Date: 20 Sep 2005

From: Terry S. Singeltary Sr. <flounder9@VERIZON.NET>

Source: Colorado DNR [edited]

<<http://dnr.state.co.us/news/press.asp?pressid=3645>>

The Colorado Division of Wildlife (DOW) has confirmed that a bull moose killed by an archer has tested positive for chronic wasting disease (CWD).

[Since moose are more solitary than social animals, it makes one wonder if this moose came in contact with **environmental**

contamination. - Mod.TG]



YERSINIOSIS - RUSSIA

Date: Fri 28 Oct 2005

From: ProMED-mail Russian correspondent promed@promedmail.org

Source: News agency Radio Abakan [edited]

<<http://www.abakanradio.ru/issue+M59c56349e32.html>>

Pseudotuberculosis in the Russian Republic of Khakassia

13 cases of infection due to *Yersinia pseudotuberculosis* have been found in 13 inhabitants of the capital city of Abakan. 10 of them are children.... the infection is transferred by **rodents**.



NIPAH VIRUS – BANGLADESH

Date: Sun 30 Jan 2005

From: ProMED-mail <promed@promedmail.org>

Source: The Star Online, Thu 27 Jan 2005 [edited]

<http://thestar.com.my/news/story.asp?file=/2005/1/27/nation/10003313&sec=nation>

The **Nipah virus** [is] behind a mysterious sickness which has claimed several lives in Bangladesh... National Public Health Laboratory Consultant virologist Prof. Chua Kaw Bing said the victims probably had contracted the virus by consuming partially eaten fruits contaminated by **flying foxes**.



RABIES, HUMAN, VAMPIRE BATS - BRAZIL

Date: Wed 2 Nov 2005

From: ProMED-mail <promed@promedmail.org>

Source: Xinhua News Agency, Wed 2 Nov 2005 [edited]

<http://english.people.com.cn/200511/02/eng20051102_218443.html>

23 Deaths in Vampire Bat Rabies Outbreak in Maranhao State

23 people, including 18 children and teenagers, have been killed in a human rabies outbreak in northeast Brazil in the past 2 months, the Health Ministry said Tuesday [1 Nov 2005]. The disease is transmitted to humans by blood-eating bats...



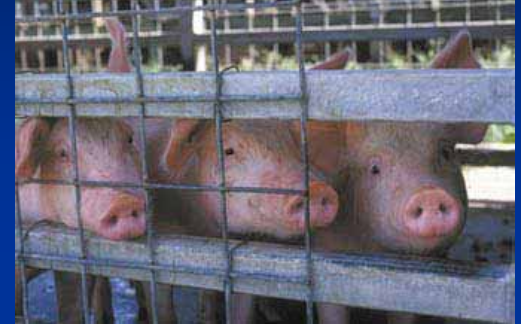
JAPANESE ENCEPHALITIS – INDIA

Date: Fri, 4 Nov 2005

From: A-Lan Banks A-Lan.Banks@thomson.com

Source: Sify, Chennai, India, 4 Nov 2005 [edited]

<http://sify.com/news/fullstory.php?id=13976997>



The official **death toll from Japanese encephalitis** in Uttar Pradesh climbed to **more than 1 300** on Friday, Health officials said. "At least 9 more children died of this mosquito-borne disease [overnight] taking the toll to 1302," said Vijay Shankar Nigam of the state Health directorate's communicable disease department.

JAPANESE ENCEPHALITIS – INDIA (cont.)

[Deaths hit a record 1 228 in 1988. The death toll for the current year has surpassed this threshold and made a new record at 1 302. - Mod.RY]



Avian influenza - Eurasia (61): wild ducks, Italy, LPAI

Date: Sat, 12 Nov 2005

From: Communications Office, Istituto Zooprofilattico Sperimentale delle
Venezie (IZSVe)

<comunicazione@izsvenezie.it>

Report on the H5N1 Low Pathogenic Avian Influenza (LPAI) Isolate in Italy - November 2005

On 8 Nov 2005, a type A influenza virus isolate was submitted to the National Reference Laboratory for Avian Influenza in Legnaro (Padova, Italy) for detailed characterization. The virus was isolated from a cloacal swab collected from a **wild duck hunted** in an area located in the municipality of Mirandola.

Archive Number: 20051104.3225

Published Date: 04-NOV-2005

AVIAN INFLUENZA - EURASIA (50)

A ProMED-mail post

<<http://www.promedmail.org>>

In this update:

- [1] Russia -- Chelyabinsk
- [2] China -- enhanced control efforts
- [3] Seasonality
- [4] Regional cooperation: Southeast Asia (ASEAN)
- [5] Regional cooperation: Mekong countries (ACMECS)

AVIAN INFLUENZA - EURASIA: WILD BIRDS

Date: Thu, 3 Nov 2005

From: Reuven Yosef <ryosef@eilatcity.co.il>

During the past several years, the staff of the **International Birding & Research Centre in Eilat (IBRCE)**, Israel, has made a concerted effort to collate, analyze and publish the **bird-ringing data** collected in Eilat in order to understand the **ecology of migratory birds**, with particular reference to their **geographic origins...**



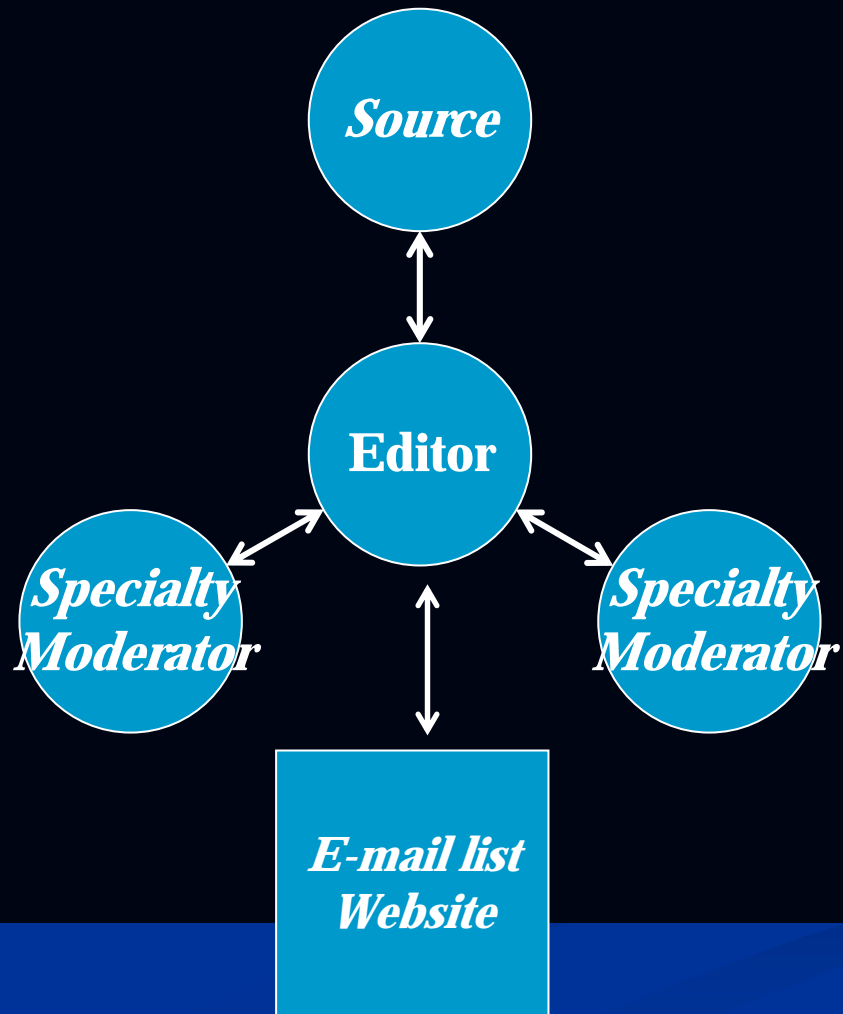
“The greatest risk of human infection with avian flu has, so far, been attributed to close contact with infected birds -- particularly, with **blood, saliva or droppings**. Hence, possible contact with birds should also be **avoided in zoos, educational facilities that keep captive birds, and holdings of backyard chickens, ducks and geese**. The latter, and certainly commercial poultry, should be kept indoors and under strict supervision **until the migration season is over in early-December.**” - IBRCE

Yellow fever, 2003-5

Comparative reporting speed

| Country | ProMED report | Official report |
|--------------|---------------|-----------------|
| Burkina Faso | Oct.8, 2003 | Oct.10, 2003 |
| Cameroon | Oct.10, 2003 | Nov.11, 2003 |
| Guinea | Jan.9, 2003 | Jan.20, 2003 |
| Sudan | May 23, 2003 | May 27, 2003 |
| Liberia | Feb.20, 2004 | Feb. 25, 2004 |
| Guinea | Jan.3, 2005 | Jan.7, 2005 |

ProMED System



Global early warning system

- 180 countries
- 30,000 computers
- 30,000 internet connections
- 30,000 operators

ProMED Languages

- English 
- Spanish 
- Portuguese 
- Russian 
- Korean 
- Japanese 

Wanted: support to provide French, Arabic, Chinese

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Thank you