

Mobile technology detects, prevents disease outbreaks in Sri Lanka

September 8 2015



Researchers used innovative ways to reduce the spread of animal-borne diseases in Sri Lanka. Credit: TIM DEJAGER/Flickr

A project co-funded by International Development Research Centre (IDRC) helped to create the Sri Lankan Wildlife Health Centre to monitor animal health. The findings also moved the national government to expand the role of their veterinarians into areas such as antibiotic resistance and farm practices.

In Sri Lanka, mobile phones are now much more than just a way to stay in touch or check the Internet. Field veterinarians with limited resources are now using [mobile phone technology](#) to monitor and track outbreaks of infectious diseases in animals. The system allows for a rapid response to emerging infections and ultimately saves lives.

Disease outbreaks in animals represent 60-75% of all emerging infectious diseases. That's why controlling disease in animals is an important way to reduce human exposure. However, many low- and middle-income countries (LMICs) lack the resources to manage this important aspect of public health.

Veterinary public health matters

Mobile technology was just one component tested for its ability to improve Sri Lanka's veterinary public health system. Veterinary public health systems are important for monitoring [disease outbreaks](#) in animals, but often lack resources in LMICs.

To help strengthen Sri Lanka's veterinary public health system, researchers also looked at new ways of:

- engaging locals in disease detection and prevention
- training public health leaders
- governing veterinary public health
- linking local and national actors

Research from this project helped to create the Sri Lankan Wildlife Health Centre to monitor [animal health](#). The findings also moved the national government to expand the role of their veterinarians into areas such as [antibiotic resistance](#) and farm practices. Both of these outcomes will have positive implications for disease monitoring and for improving human health.

Provided by International Development Research Centre

Citation: Mobile technology detects, prevents disease outbreaks in Sri Lanka (2015, September 8) retrieved 24 April 2024 from

<https://medicalxpress.com/news/2015-09-mobile-technology-disease-outbreaks-sri.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.