

# Biodiversity, Ecosystem Services and Human Health Satellite Conference and Webcast

Wednesday, January 24, 2007 • 1:00-2:30 p.m. (Central Time)

2:00-3:30 p.m. (Eastern) • 12:00-1:30 p.m. (Mountain) • 11:00 a.m.-12:30 p.m. (Pacific)



## Public Health and Human Rights

*This program, presented at the 134<sup>th</sup> Annual Meeting of the American Public Health Association, is available to public health professionals across the country.*

Humans depend on natural ecosystems and the services they provide, including food, energy, and clean air and water. Yet our actions in the past 50 years have changed these systems to an unprecedented degree, altering habitats and reducing biodiversity. This decline is expected to accelerate under most climate-change scenarios. At the same time, new infectious diseases are emerging at a faster rate than ever before, and many of these pathogens are zoonotic in origin. A common, defining feature of emerging infectious diseases is that they are triggered by anthropogenic changes to the environment. But what are the underlying mechanisms of this emergence? Although it is recognized that biodiversity affects human health, a direct connection between biodiversity loss and increased health risks remains largely untested. The National Center for Environmental Research at the U.S. EPA's Office of Research and Development has proposed a joint Eco-Health research program to study the link between changes in biodiversity and risks to human health. This presentation will discuss the state of the science, determine research priorities, and begin to talk about how to integrate existing data into the Global Earth Observation System of Systems (GEOSS), a monitoring and risk-forecasting network.

### Faculty:

**Gary Foley, PhD**  
Director

National Center for  
Environmental Research  
US Environmental Protection Agency

**Conrad Lautenbacher Jr., PhD**  
Vice Admiral  
US Navy (ret.)

**Joe Roman, PhD**  
AAAS Environmental Policy Fellow  
Located at  
US Environmental Protection Agency

### Program Objectives:

1. Recognize the value of natural ecosystems and their relationship to human health.
2. Better understand the relationship between climate change and biodiversity loss and the spread and emergence of infectious diseases.

### Conference Details:

**Target Audience:** Public health and other professionals with disease surveillance interests, interest in environment health and interest in maximizing global health resources.

**Contact Hours:** None for this program. **Registration:** [www.adph.org/alphtn](http://www.adph.org/alphtn)

**Cost:** There is no cost to view.

**Satellite Technical Information:** This program will be a live satellite broadcast on both Ku & C bands.

**Webcast Information:** Register at [www.adph.org/alphtn](http://www.adph.org/alphtn) To view webcast, you need RealPlayer. Test your computer before the day of the program from the "test connection" link at [www.adph.org/alphtn](http://www.adph.org/alphtn). On the day of the program, go to [www.adph.org/alphtn](http://www.adph.org/alphtn) Click on the "view webcast" link.

**Conference Materials:** Conference materials will be available approximately one week before the program. You will be notified by email when the materials have been posted to the ALPHTN website.

**General Questions:** If you have questions about any of these conference details, call 334-206-5618 or email: [alphtn@adph.state.al.us](mailto:alphtn@adph.state.al.us)

Perspectives on Deep Vein Thrombosis

National Public Health Performance  
Standards Program (Part 1):  
Performance Standards as a Strategic  
Opportunity for Leadership

Biodiversity, Ecosystem Services and  
Human Health

This series of three programs from the  
134<sup>th</sup> Annual Meeting of the  
American Public Health Association  
will be available as  
on-demand webcasts:  
[www.adph.org/alphtn](http://www.adph.org/alphtn)

