

# CLIMATE INFORMATION FOR PUBLIC HEALTH

SUMMER  
INSTITUTE  
2010

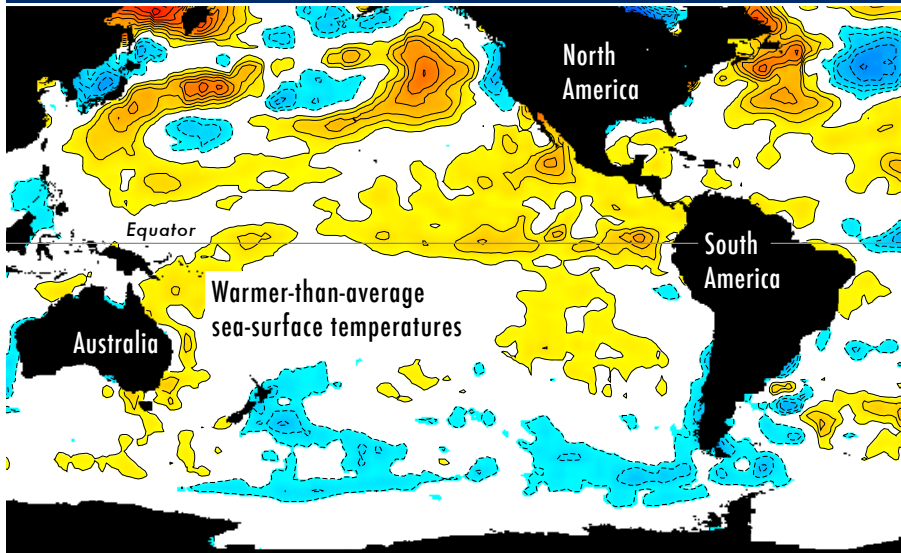


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## NOW THAT THE WORLD'S ATTENTION

is focused on climate change and climate variability adaptation, it is essential for the health community to better understand the role that climate plays in driving disease burdens and affecting public health.

The International Research Institute for Climate and Society (IRI), in partnership with the Center for International Earth Science Information Network (CIESIN) and the Mailman School of Public Health, is pleased to announce the Summer Institute 2010 course on Climate Information for Public Health.

The training course offers public health decision makers and their partners the opportunity to learn practical methods for integrating climate knowledge into decision making processes through expert lectures, special seminars, focused discussions and practical exercises.

The IRI is the premier global research and capacity building institution focused on the use of climate information in public health decision-making. It is a collaborating Centre with WHO-PAHO on climate sensitive diseases and has active international partnerships concerning malaria, meningococcal meningitis, Rift Valley Fever and other diseases. The institute also has an interest in dengue, influenza, diarrheal diseases and kala azar (leishmaniasis).

## Course Dates

May 17-28, 2010

## Venue

The summer institute will be held at the International Research Institute of Climate and Society (IRI), which is located at the Earth Institute's Lamont Campus in Palisades, New York, USA.

## Deadline

Application deadline is January 31st, 2010. The course will be limited to 12 participants. Early registration is recommended.

## Cost

US\$ 7750

(include tuition, hotel, ground transportation, meals). Limited scholarships are available.

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Map displaying the breadth of the 'Meningitis belt' over the African continent.

The IRI, CIESIN, Mailman and the other members of The Earth Institute at Columbia University together combine extensive experience in environmental health, population mapping and modeling with remote sensing, climate prediction, and the study of climate variability and change. Invited speakers will also contribute expert lectures and seminars.

The course will offer participants opportunities to discuss integrated work with leaders in their respective fields, and to gain hands-on experience with analytic tools.

## Agenda

The two weeks of lectures, seminars and practical exercises runs from Monday May, 17th to Friday May 28th, 2010. Facilitators will be available to assist the participants in applying the methods and concepts learned, and to analyze their own data in conjunction with climate and environmental information.

## Who Should Attend?

This course targets professionals who play a research role in the operational decision making or public health-care planning, evaluation, surveillance or control of climate sensitive diseases.

The courses introduce geographical information system-based computational tools for integrating epidemiological data with the wide variety of available climate, population and environmental data.

Participants will gain hands-on experience in accessing, manipulating and analyzing these data and how to relate these data to public health and/or disease control indicators. A basic knowledge of the fundamentals of epidemiology is an advantage.

## Learning Outcomes

- » Understand the role climate plays in driving the infectious disease burden and public health outcomes.
- » Understand management and data integration as an opportunity to improve the decision making process in Public Health
- » Understand the timescales, the benefits and limitations of different climate and environmental data sources including remotely sensed data, meteorological data and climate predictions.
- » Use new tools for accessing climate and epidemiological data, for analyzing and mapping through the IRI Data Library and WHO Open Health
- » Understand how climate information is relevant to the public health decision making process

## For more information:

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