



The International Research Institute
for Climate and Society



Pontificia Universidad
JAVERIANA
Bogotá

In-country training and education

Gilma C. Mantilla C. MD

mantilla@iri.columbia.edu

mantilla_g@javeriana.edu.co

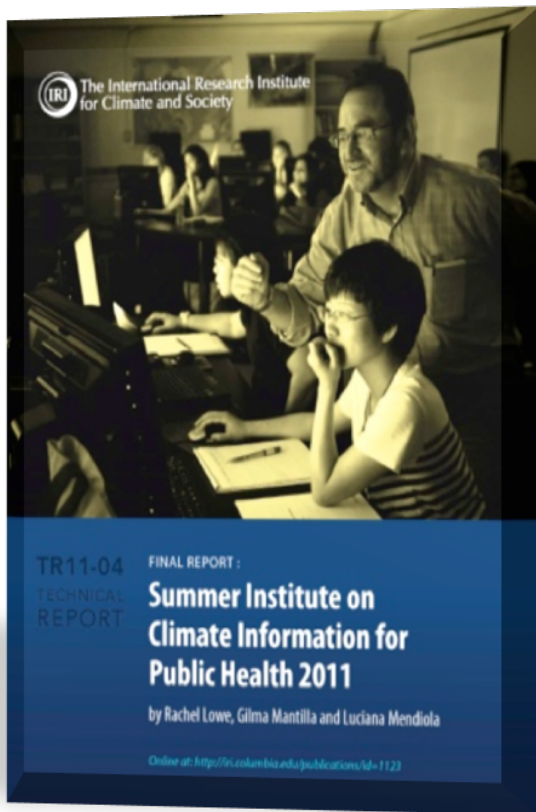
Outline

- Professional training
- Higher education

Setting the scene

- **What?** (health and climate, public health and climate or/and adaptation or mitigation)
- **Why?** (create awareness, reduce impacts, solve local climate and public health problems, build evidence)
- **Who?** (professionals, decision makers, under and graduate students, researchers, general public, specific communities)

- **Where?** (global, regional, local)
- **How?** (face to face, online, combination, multi or interdisciplinary approach)
- **Resources?** (donors, governments, academia, institutions, mix)



PROFESSIONAL TRAINING 2008-2013

Objectives

- Understand the role climate plays in driving the public health outcomes
- Use tools for accessing climate and epidemiological data, for analyzing and mapping
- Understand management and data integration as an opportunity to improve the decision making process in Public Health

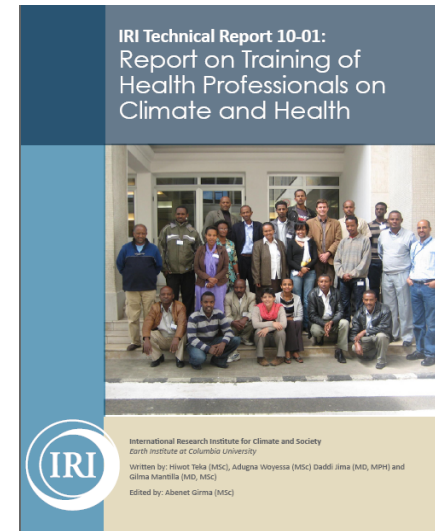


Target audience

- Colombia (2008)
 - Ethiopia (2009)
 - Madagascar (2010)
 - Uruguay (Mercosur region 2011)
 - Ecuador (Andean region 2012)
- Professional in public health, climate or academic
 - Professional in early or mid-career
 - Skills in data analysis and resource management

Methodology

- **2 weeks face to face training**
- **4 modules**
 - Module I : Basic Concepts in Public Health and Climate
 - Module II : Sources and Tools for Analyzing Climate and Public Health Data
 - Module III: Use of Climate Information in Decision-Making
 - Module IV : Proposal writing
- **4 components**
 - Core lectures
 - Practical sessions
 - Short reports based on individual projects /SEED projects
 - Evaluation



Training Courses on the Use of Climate Information for Public Health in Madagascar

Synthesis Report

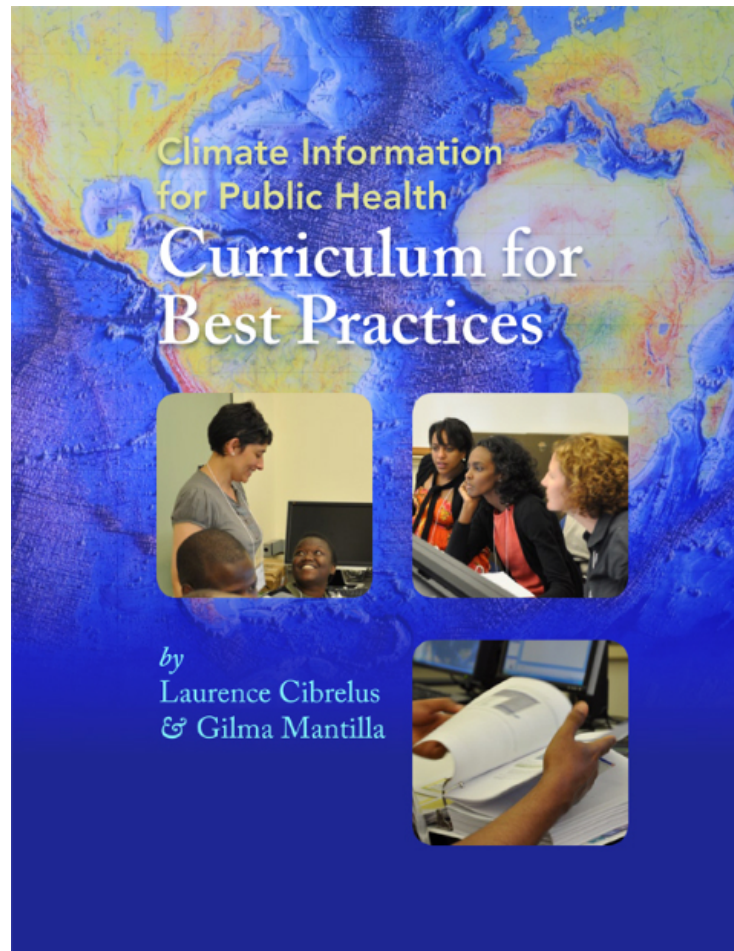


Results

English/French/Spanish Newsletter

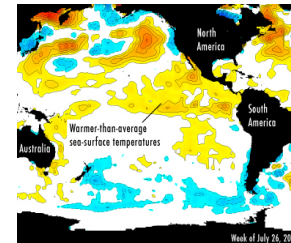
Climate Information for Public Health Action
(CIPHA)

Summer Institute
News from the Ground
August 2009



Climate Information
for Public Health
Curriculum for
Best Practices

by
Laurence Cibrelus
& Gilma Mantilla



(Source: IRI Web page)

Warmer sea surface temperatures in the equatorial pacific predict El Niño event - ENSO!

From the Editor

Breaking News: The ENSO forecast

Recent IRI and WMO forecasts point to a higher than normal probability (56%) of an El Niño event developing this year.

The magnitude of this event is still not clear but it is necessary to develop an action strategy to help manage the potential risks and reduce impacts, both globally and at a regional level. Previous El Niño have been associated with negative global climatic and socio-economic impacts, including public health impacts in specific locations.

Seasonal forecasting methods and information can be used to far greater effect by the health sector. For example the beginning and progression of El Niño can now be forecast months ahead, and can give a timely seasonal indicator of malaria risk. In this context El Niño provides opportunities for early warning and could be used as an indicator to strengthen the role of the Ministry of Health in disaster preparedness programs as well as in disease surveillance and monitoring.

Please find more information at:

<http://iri.columbia.edu/climate/ensos/docs/health1.pdf>

The 2009 Summer Institute on Climate Information for Public Health

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Knowledge sharing is the objective of this newsletter as is the need to support emerging networks of health and climate practitioners. In his recent address to the National Academy of Sciences, President Obama also underlined the need to create a "network of networks" to maximize the varied (public health) opportunities that may arise for furthered environmental sciences. We believe the Summer Institute for Climate Information for Public Health is a valuable platform for creating a global network of practitioners focused on policy and practice in public health and climate issues.

Building on the response of our 2008 Summer Institute alumni, and in order to continue to bridge the existing gap in providing climate information to the public health community, the IRI and its partners ([Maimon School of Public Health](#) and [CIESIN](#)) designed and implemented the second annual Summer Institute on Climate Information for Public Health (SI 09).

This year, 12 professionals from ten countries in the Americas, Europe and Africa were selected out of the 43 applicants to participate in SI 09 (see Updates). Participants hailed from Ethiopia (3), Kenya (1), Madagascar (1), Mali (1), Ghana (1), the United Kingdom (1), Sweden (1), Ecuador (1),

Results

- More than 150 alumni and 35 facilitators
- 3 National courses (lead by CIPHA alumni)
- 2 Regional Courses (Mercosur, Andean region – alumni as core staff)
- Technical Reports –video – publications
- 10 Research Projects
- Training Kit

Next steps

- Impact evaluation of the process
- CIPH experience could be serve a reference to develop other type of trainings within other communities of practice
- Development of online courses based in regional and local core staff

- CIPH curriculum could be incorporated as a module into masters programs such as the Field Epidemiology Training Programs (FETPs), Public Health, Environmental Sciences or others.
- CIPHA Certificate Course (CU or other universities)

**INCORPORATING CPH INTO
HIGHER EDUCATION
2016 - 2020**

Objectives/Audience

- **Medicine Students**
 - Master students (Public Health and Environmental Sciences)
 - Other disciplines
- Promote awareness and understanding of the linkages between climate and public health
 - Understand the role climate plays in driving the public health outcomes
 - Use of climate information in PH.

Methodology

- Under graduate
 - Coverage of climate and public health issues in an existing course (Vulnerability and Public Health)
 - Climate and Public Health link as a concept in a regular disciplinary course of Public Health
- Graduate
 - Climate and Public Health Module

Interdisciplinary approach (core staff)

Road map (..2020)

- Implementation : 2017
- Evaluation process 2020
- Incorporate climate as part of the curriculum of other faculties beside Medicine within the sustainable development goals framework : 2018