



***Epidemiology in Complex Emergencies Course***  
**Les Pensières, Annecy, France**  
**March 6-10 2017**

Fondation Mérieux ([www.fondation-merieux.org](http://www.fondation-merieux.org)) and EpiConcept ([www.epiconcept.fr](http://www.epiconcept.fr)) are launching a new 5-day course on epidemiology in complex emergencies.

**Objectives**

The objective of the course is to strengthen participant's knowledge and skills related to the response of communicable disease outbreaks affecting a country in the context of a complex emergency situation.

**Target audience**

This course aims to prepare epidemiologists to contribute to the multidisciplinary and international response to complex emergencies, and to apply their epidemiological skills to serve public health interventions.

**Pre-requisites**

Previous knowledge of infectious diseases and epidemiological methods (epidemiological study designs, surveillance).

**Participants:** 20-25 participants

**Training methods:**

- Short lectures on epidemiological principles and methods used in Complex Emergencies
- Interactive case studies in small groups
- Challenges, aiming at making the participants face real-life situations
- Movies
- Round tables

During one week, two main scenarios will be used in all the training activities: the Haiti earthquake and subsequent cholera outbreak and the Ebola outbreak in West Africa.

**Faculty:**

A core group of three facilitators with experience in complex emergencies will be present during the five days of the course. Other experts will join the course according to their field of expertise. Facilitators will include experts from national public health institutes, UN agencies, international organisations, NGOs.

**Duration:** Five days (March 6-10, 2017)

**Location:** the course will take place at les Pensières, Fondation Mérieux' conference centre on the shores of Lake Annecy, at the Swiss border, in France.

**Fees:** 3000€ - (Fees don't include travel costs).



### Preliminary agenda

The topics covered by the course will include:

Topic	Learning objectives	Method
Identifying Priorities	Identifying public health priorities in complex emergency settings	Video + Case study
Surveys	Carrying out an initial rapid assessment	Lecture + Case study
	Understanding the pros and cons of various sampling strategies	Lecture + Case study
	Learning the principles of GPS sampling	Practical
	Learning the principles of retrospective mortality surveys	Lecture + Case study
	Understanding the principles of nutritional surveys	Video + Case study
	Understanding the role of mobile device data collection in complex emergencies	Practical case study
Surveillance	Setting up a surveillance system, interpreting surveillance data, setting an alert and response system	Lecture + Case study
Outbreak response	Identifying the components of the response to a viral haemorrhagic fever outbreak	Lecture + Challenges
	Identifying the components of the response to a cholera outbreak	Case study



	Understanding the principles of case management: Ebola treatment Centres, Cholera Treatment Centres	Lecture + Challenges
	Carrying out contact-tracing	Challenges
	Understanding the role of social mobilisation in Complex Emergencies	Lecture + Case study
Epi methods and tools	Understanding the importance of a denominator	Lecture
	Using a GPS to map and count a population	Practical
Working in CE setting	Preparing for an international mission	Case study
	Integrating security issues in the day to day work in Complex Emergencies	Challenges
	Understanding data management principles and challenges with multiple sources of information, partners and collection tools in CES	Case study
	Understanding the international context including the coordination of a humanitarian response and GOARN principles of collaboration	Round table
	Discussing communication issues in sensitive topics, between international organisations and both towards the population and the partners	Round table, case study
	Working in a multidisciplinary, multicultural team	Group work, challenges

To register: <http://www.fondation-merieux.org/upcoming-conferences-and-courses> –