



South Central Public Health Partnership

TRAINING PROFESSIONALS TO PROTECT THE PUBLIC

<http://lms.southcentralpartnership.org/scphp>

Vectors of Disease in Disasters

Instructor: Assaf Abdelghani, ScD, MSPH, DPH

Course Description

This course consists of two parts. Part one will discuss vectors of health importance in a disaster. This part will address vectors such as mosquitoes, flies, ticks, fleas and rodents. It will also focus on the factors affecting transmission of vectors of disease and methods of control. Part two will discuss evaluation and control strategies in a disaster. Information will be provided regarding the safe use of pesticides, technical information necessary for evaluating the need for vector and rodent control, and discussion regarding the formulation of national training programs for the evaluation and control of vector-borne diseases after a natural disaster.

Modules

Part One: Vectors of Health Importance in a Disaster

Module 1: Introduction

Module 2: Mosquitoes

Module 3: Flies and Other Vectors

Part Two: Vector Evaluation and Monitoring Strategies in a Disaster

Module 1: Disaster Preparedness

Module 2: Vector Control Strategies

Module 3: Vector Control Strategies – Rodents

Module 4: Monitoring and Evaluating Vector Control Programs

Learning Objectives

- Identify vector-borne diseases in disasters
- Discuss major vectors of health importance encountered in disasters
- Design strategies for vector control
- Describe the safe use of pesticides
- Discuss the appropriate methods to monitor and evaluate vector control programs

Competencies

- Describe the public health role in emergency response in a range of emergencies that might arise.

* *Bioterrorism and Emergency Readiness*

To register for this course visit us at
<http://lms.southcentralpartnership.org/scphp>