



Netherlands Forensic Institute  
*Ministry of Security and Justice*

# Forensic Anthropology and Disaster Management

International three-day course  
for medico-legal experts



# *‘Forensic Anthropology and Disaster Management’ provides medico-legal experts insight and training in the field of forensic anthropology and allows them to gain and exchange experience in disaster management.*

## **Introduction**

This course focuses on forensic anthropology and disaster management, and combines theoretical background with elaborate practical training.

## **Content**

The course comprises of two parts, forensic anthropology and disaster management. The first two days focus on forensic anthropology and its associated fields, and incorporate theoretical background and elaborate practical training. Lectures are given by renowned experts in the various forensic anthropological fields, and focus on standard forensic anthropological procedures, as well as new developments in the respective fields. Practical application of the knowledge acquired during the lectures is incorporated with hands-on training on provided skeletal material.

The last day of the course enables participants to gain knowledge of the methods used in disaster management, as well as the problems that have been encountered during investigations of various mass disasters. Lectures are presented by the experts participated in the investigation of these major disasters, such as the airplane crash in Tripoli, Libya in 2010 and the Utoya tragedy in 2011.

## **Objectives**

After the first day, the participant will:

- understand the importance of working within a multidisciplinary team
- have gained basic knowledge on macroscopic techniques
  - to determine if skeletal material is human or non-human
  - to determine sex from skeletal remains
  - to estimate age at death from adult skeletal remains
- have gained basic knowledge on microscopic techniques to estimate age at death
- have applied both macroscopic and microscopic techniques in practice
- have been introduced to the principles of facial reconstruction, and will understand the possibilities and limits of applied techniques.

After the second day, the participant will:

- understand the methods used in forensic odontology with regard to the assessment of dental status and the comparison of ante-mortem with post-mortem data
- have basic understanding of the principles of age assessment from juvenile skeletal remains

- have been introduced to current analytical methods for the interpretation of skeletal trauma
- have gained experience in applying methods used in:
  - forensic odontology
  - juvenile osteology
  - trauma analysis

After the third day, the participant will:

- have had an overview of lessons learned during various incidents of mass fatalities
- be introduced to imaging modalities from diagnostic radiology and surveying technology for identification purposes
- have basic knowledge on the possibilities and limitations of radiology in disaster victim identification
- be introduced to the Bonaparte software programme for the purpose of DNA identification and the practical application of this programme during the Tripoli air crash investigation.

## **Target group**

Practicing medico-legal experts (beginners and experts)

## **Location and dates**

NFI, The Hague, The Netherlands; 15-17 April 2015

## **Accreditation**

Accreditation will be requested from the European Accreditation Council for Continuing Medical Education (EACCME) UEMS (16 points)

## **Organizing committee**

B. Kubat PhD MD; R. Gerretsen MSc MD and M. van Wijk MSc

## **Cost**

€750,- per participant (no VAT)

## **Contact**

Do you want to know more about the NFI Academy?  
Please contact us at +31 70 888 62 72  
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For more information about the NFI Academy's training programmes and courses, visit our website at <http://academy.forensicinstitute.nl>.