



European Centre  
for Disaster Medicine



UNIVERSITY OF THE REPUBLIC  
OF SAN MARINO  
Center for Security Studies



TOR VERGATA  
UNIVERSITÀ DEGLI STUDI DI ROMA

UNIVERSITY OF ROME  
"Tor Vergata"  
Department of Electronic Engineering



OSDIFE  
Observatory on Security  
and CBRNe Defence



University of Health Sciences

## COURSE "CBRNe Disaster & Incident Medical Management"

**Introduction:** The escalating prevalence of natural, incidental, and intentional CBRNe (Chemical, Biological, Radiological, Nuclear, and Explosive) threats has underscored the crucial need to enhance risk analysis, preparedness, mitigation, response, and recovery capabilities in the face of unconventional events or incidents. In response to this demand, we are pleased to announce a comprehensive training course designed to equip participants with the essential knowledge and skills required for the effective management of CBRNe events at both regional and national levels. Moreover, the course goes beyond theoretical learning, offering a unique practical exercise conducted at the CBRN Department of University of Health Sciences. This activity will provide trainees with hands-on experience and practical insights, ensuring their preparedness to handle real-life scenarios.

**Training program general objective:** The Course covers an extensive range of essential subjects related to CBRNe materials, prevention, protection measures, medical procedures, risk assessment, response to CBRNe events/incidents, and inter-agency coordination and communication. Throughout the Course, attendees will actively participate in discussions and interactive sessions, fostering a dynamic learning environment. To ensure a comprehensive training experience, CBRN exercise simulations will be conducted using EMS training manikins, PPEs, gas masks, along with a decontamination station. The organizing institutions will issue a final certificate of attendance.

**Target Group:** This specialized course is tailored to cater to emergency management personnel, emergency medical services, fire service personnel, governmental administrative staff, healthcare professionals, law enforcement personnel, armed forces, public health officials, public safety communications experts, and public works personnel. By attending this comprehensive training program and participating in the practical exercise at the state-of-the-art facilities of the CBRN Department at the University of Health Sciences, participants will be equipped with the necessary expertise to confidently handle CBRNe events and effectively collaborate with diverse agencies during crises.

### Course Main Topics:

- CBRNe risks and new threat scenarios.
- CBRN agents
- CBRNe detection
- CBRNe protection
- CBRNe decontamination
- CBRNe events medical management

**Place and Dates:** 2-day training with tech lectures & live exercises by international experts at CBRN Department of University of Health Sciences, Ankara, Turkey. Dates: 19-20 Sept 2023. Working time: 09:00 a.m. - 12:00 p.m./01:00 p.m. - 05:30 p.m.

**Directors:** Prof. Levent Kenar (University of Health Sciences, Faculty Staff of CBRN Dept., Professor of CBRN Defence and Laboratory Medicine), Prof. Roberto Mugavero (President European Centre for Disaster Medicine - Observatory on Security and CBRNe Defence, Faculty staff University of the Republic of San Marino University of Rome "Tor Vergata" - DIE), Prof. Dr. Selçuk Kılıç (University of Health Sciences, Head of CBRN Dept.)

**Course Fee:** 300 Euro. Payment via bank transfer. Coffee breaks and lunch included for both days of the Course.

**Contact:** via email [cemec.info@iss.sm](mailto:cemec.info@iss.sm)



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## Course CBRNe Disaster & Incident Medical Management

### Timetable

Working time: 09:00 a.m. - 12:00 p.m./01:00 p.m. - 05:30 p.m.

Language: English

<b>DAY 1</b>	Morning
09.00-09.30	- Registration
09.30-10.30	- Opening Speeches - Trainers and Trainees Introduce Themselves - Introduction to the Training Sessions
10.30-11.00	<i>Coffee break</i>
11.00-12.00	- Overview on CBRNe/WMD Threats
12.00-13.00	- Agencies Involved in CBRNe/WMD Preparedness and Response - Roles and Responsibilities
13.00-14.00	<i>Lunch break</i>
	Afternoon
14.00-15.30	- Detection/Protection/Decontamination
15.30-16.00	<i>Coffee break</i>
16.00-17.30	- CBRNe/WMD Events Operational Management - Initial actions for Responders, Law Enforcement and Armed Forces - Key Activities

<b>DAY 2</b>	Morning - Training and Simulation Center
09.00-10.30	- Personal Protective Equipment - Gas Mask
10.30-11.00	<i>Coffee break</i>
11.30-13.00	- Decontamination Chamber
13.00-14.00	<i>Lunch break</i>
	Afternoon - Training and Simulation Center
14.00-16.00	- CBRN Casualties Medical Management - CBRN accidents and deliberate Events - Triage - CBRN accidents and deliberate Events - Antidote Therapy
16.00-16.30	<i>Coffee break</i>
16.30-17.30	- Exercise Debriefing - End of the Training Course