

Field Epidemiology for Humanitarian Crises: An Introductory Course¹

Course programme

First part: webinar sessions

Session	Date	Time	Title	Contents	Trainers
1	16/01/24	16:00-18:00 CET	Introduction to the course; the overall context of humanitarian crises	Introduction: course objectives and programme; The overall context of humanitarian crises and their public health effects; The role of health professionals in the prevention of conflicts	Carla Ancona, Lorenzo Richiardi, Pirous Fateh-Moghadam, Sandro Colombo
2	23/01/24	16:00-18:00 CET	Public health information in humanitarian crises	Public health information in/for humanitarian crises; The role of epidemiology, limitations and challenges	Francesco Checchi, Sandro Colombo
3	25/01/24	16:00-18:00 CET	Health indicators in humanitarian crises	Health indicators in humanitarian crises: their meaning, utilisation and sources; Quality issues of public health information in humanitarian crises	Chiara Altare, Sandro Colombo
4	30/01/24	16:00-18:00 CET	Public health information methods and tools in humanitarian crises: an overview (1)	Data interpretation: best practices; Interpreting and using secondary data: needs assessment, population denominators, and situation analysis	Francesco Checchi, Sandro Colombo
5	01/02/24	16:00-18:00 CET	Public health information methods and tools in humanitarian crises: an overview (2)	Interpreting and using secondary data: mortality estimation, assessment of nutritional status, IPC classification; Sampling methods in humanitarian crises	Francesco Checchi, Chiara Altare

¹ This programme is preliminary, minor changes may be introduced prior to its start

6	06/02/24	16:00-18:00 CET	Epidemics / outbreaks: how detect and investigate spread of communicable diseases	Epidemics and outbreak definitions; Steps in outbreak investigation; Descriptive and analytical epidemiology; Analytical epidemiology; EWARS in a crisis	Stefania Salmaso, Giovenale Moirano, Chiara Altare, Sandro Colombo
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Second part: self-study (07-23 February 2024)

- Review of ppt and handouts distributed during the online sessions
- 2-3 articles (to be selected by the faculty, e.g., the Lancet series: Health in humanitarian crises of 2017)
- Background & instructions of the simulation exercise

Third part: residential course - SERMIG, Torino (26-28 February 2024)

Day	Time	Topic	Trainers
26-Feb	11:00-11:30	Welcome and introduction	AIE
	11:30-13:00	Recap of the online and self-study sessions and Q&A	Chiara Altare, Francesco Checchi, Sandro Colombo
	13:00-14:00	Lunch break	
	14:00- 15:30	Health hazards of migrant population: changes in risk pattern and new challenges for epidemiology	Luigi Bisanti, Anteo Di Napoli, Silvia Candela, Cristina Canova
	15:30-16:00	Coffee break	
	16:00-17:00	Method challenges and innovations for epidemiology in humanitarian crises	Chiara Altare, Francesco Checchi, Sandro Colombo
	17:00-18:00	Attacks to health facilities and personnel in contemporary conflicts; tools and surveillance systems (TBC)	Camilo Valderrama
	20:30	Social dinner	

27-Feb	09:00-10:00	Introduction to the simulation exercise	Chiara Altare, Francesco Checchi, Sandro Colombo, tutors
	10:00-11:00	Group work	
	11:00-11:30	Coffee break	
	11:30-13:00	Group work	
	13:00-14:00	Lunch break	
	14:00-16:00	Group work	
	16:00-16:15	Coffee break	
	16:15-17:15	Presentations by group	
	17:15-18:00	Plenary discussion	
28-Feb	09:00-10:30	Presentation of case studies 1 & 2	Selected students
	10:30-11:00	Coffee break	
	11:00-12:30	Presentation of case studies 3 & 4	Selected students
	12:30-13:30	Lunch break	
	13:30-15:30	Plenary discussion of case studies; 10 key messages to take home; course evaluation	Facilitated by the whole faculty
	15:30-15:45	Closure	AIE