

# **CBRNe & Beyond**

Conventional and Non Conventional Emergencies: from Research, Education and Training to the Management and Recovery of Normality

The conventional and non conventional emergencies is a macro definition including all the events that can affect, directly or indirectly, the safety and the security at local, regional, national or international levels. The Covid-19 pandemic situation such as the Spanish flu, the Chernobyl accident such as the Fukushima's one. the chemical attack in Ypres such as the subway release of Sarin in the subway in Tokyo are just few example representing some of the historical recurrences that can be classified as natural, accidental, intentional or war related events or as biological, radiological/nuclear, chemical events. There are many aspects to consider in order to face those events and the related consequences: experts and technologies availabilities, national and international intervention and cooperation plans, prevention plans, education and training programs, research projects, emergency management plans, communication systems, recovery of normality, logistic, economical and legal aspects, business continuity and so on. It is indubitable that an emergency involve, directly or indirectly, the entire society. This is way this scientific & editorial project want to collect all the aspects related to the emergency, CBRNe & Beyond has the purpose to be a point of convergence of expertise, experiences and lessons learned to improve safety and security worldwide in order to reach the recovery of normality after an event.

### Scientific organization

The book series is conceived, organized, realized, promoted & supported by all those who attended the International Conference on CBRNe SICC Series | 2020 in collaboration with tab edizioni.

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# 2nd Scientific International Conference on CBRNe SICC Series | 2020

Epidemics, biological threats, and radiological events. The importance of a multidisciplinary approach for International Research Cooperation

# **Book of Abstract**

10-12 December 2020

10-11 December 2020: Technical Tables
12 December 2020: Plenary sessions and Poster session

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## SICC Series – CBRNe Conference

#### Aims of the Conference:

- SICC Series Conference on CBRNe is the second scientific international conference series on safety & security issues in the CBRNe field (Chemical, Biological, Radiological, Nuclear and explosive). It represents the natural development of the long-standing experience achieved in the field of CBRNe education and training thanks to the International Master Courses in Protection against CBRNe Events of the University of Rome Tor Vergata.
- Spreading education beyond its boundaries to turn CBRNe into an academic discipline.
- Create a synergic global community of CBRNe experts and Enhancing CBRNe.
- Safety & Security multi-disciplinary scientific research.

### Expected outcomes:

The experience gained have led us to organize these international scientific conferences. SICC Series Conference primary objective is to internationally promote the dissemination of the culture on the prevention and mitigation of CBRNe events.

In the common struggle for safety & security, SICC Series Conferences are devoted to highlight the state-of-the-art and the future needs of the different methodologies, techniques, theories, instruments, strategies, procedures, technologies and best practices on the prevention and mitigation of CBRNe risks, particularly in the spirit of collaboration and integration among States.

The world of CBRNe today mainly concerns only the military experts, the specialized operators, and the industry. However, institutional task of the University is also spreading the education on CBRNe beyond its traditional boundaries. The experience we have gained so far has led us to an ambitious vision: the CBRNe should become a scientific academic discipline. This new way of approaching the matter will have significant consequences: on the one hand the possibility to train young minds enabling them to deal with problems related to the safety & security identifying new solutions, and on the other hand to spread and increase the information and awareness of the risks and therefore to increase preparedness and resiliency. SICC 2020 represents a small but important step towards these ambitious goals.

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