



**International Workshop**  
**Large scale USAR operations: Morandi bridge and other case study**



**Palermo** | **23**  
**ITALY** | **October**  
**2019**



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**Chairman : Giuseppe Romano**

**Assistant & Facilitator: Edoardo Cavalieri D'Oro**

**Programma**

- 8.30 – 9.00 Registration participants
- 9.00 - 9.15 Introduction –greetings from the authorities
- 9.15 – 9.35 The National Approach DPC **Luigi D'Angelo**
- 9.35 – 9.45 Q & A
- 9.45 – 10.05 Topic 1 –The coordination of several actors involved in large emergency and lead agency in charge
- Speaker **Marcella Battaglia**
- 10.05 – 10.15 Q & A
- 10.15 – 10.35 Topic 2 – First response: The First Responders role and the connection with the incoming teams
- Speaker **Fabrizio Piccinini**
- 10.35 – 10.45 Q & A
- 10.45 – 11.00 Coffee break**
- 11.00 – 11.20 Topic 3 – Onsite management and the difficulty to identify the number of casualty: investigation and analysis
- Speaker **Luciano Roncalli**
- 11.20 – 11.30 Q & A
- 11.30 – 11.50 "The role of the structural engineer and its support to the management of the incident"
- Speaker **Ciro Bolognese**
- 11.50 – 12.00 Q & A
- 12.00 – 12.20 Topic 5 - Beyond the rubble:use of USAR teams in early recovery in tasks other than S&R: Safety, residual risk management, shoring demolition, decontamination.
- Speaker **Francesco Filippone**
- 12.20 – 12.30 Q & A
- 12.30 – 13.00 Use of helicopters and drones in Search and Rescue activities
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Speaker *Matteo Monterosso*

**13.00 – 14.30 Lunch break**

**Working Groups Session**

**14.30 – 16.30**

The afternoon session will be arranged in a workshop, each participant will be assigned to one out of five working group.

Each working group will be focused on one of the five topics introduced in the morning.

WG	Topics	Room
1	The coordination of several actors involved in large emergency and lead agency	A
2	First response: the first responders role and the connection with the incoming teams	B
3	Onsite management and the difficulty to identify the number of casualty: investigation and analysis	C
4	"The role of the structural engineer and its support to the management of the incident"	D
5	Beyond the rubble: use of USAR teams in early recovery in tasks other than S&R: Safety, residual risk management, shoring demolition, decontamination: bio and asbestos risk management	E

The working groups will discuss some major emergencies occurred in the last 18 years from their perspective with the support of a witness of that emergency; Each discussion will last approximately twenty minutes

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|--------------------------------------|---------|-------------------------------|
| ● Studenka train accident            | Speaker | Martin Pavek (Czech Republic) |
| ● Christchurch                       | Speaker | Dave Berry (New Zealand)      |
| ● Supermarket collapse               | Speaker | Kristaps Kolbgers (Latvia)    |
| ● Marseille Collapse in the old city | Speaker | Guillaume Daessle (France)    |

For each working group, a facilitator and a notetaker - both identified in the group - will summarize and prioritize the main outcomes of the discussion. The outcomes will be shared in the plenary at the end of the day.

**16.30 – 17.00 Coffee break**

**17.00 – 17.30** Presentation from the facilitators of the outcomes of the 5 WG.

**17.30 End of the Workshop**

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