



# DISASTER MANAGEMENT

 **DURATION 2 days**



## FOR WHO

Aimed to all professionals who operate in emergency branches and need a specific formation on managerial, organizational, decisional and evaluational aspects, in situations of emergency at any level.

The Disaster Management Operator Course is aimed to all professionals who manage alert teams, intervene in situations of emergency and are responsible of decisional and managerial processes during the intervention.



## PREREQUISITES

Good physical health and swimming skills..

This formation program enhances the disaster management aspects regarding flood contexts, where specific evaluation skills are required.

For example, it is essential to acquire the skill of understanding in advance when and where a river may overflow, advertising local teams about the danger and keeping the context under constant investigation, with particular attention to its rapid changes and new risks.

The course is also helpful for drivers and rescue teams, in order to map the zones and places of intervention.



## TRAINING METHODOLOGIES

Theoretical lessons, practical parts with simulations, role-playing, team work.

This course helps binding headquarters with intervention teams on territory, with the help of personnel who can work on prevention when necessary.

## @ INFO & BOOKING

[info@rescueproject.it](mailto:info@rescueproject.it)

[www.rescueproject.it](http://www.rescueproject.it)

0463.973278 - 3292743226



# PROGRAM

## Disaster Management

<b>HOURS</b>	<b>ACTIVITIES &amp; CONTENT - DAY 1</b>
<b>8:30 – 9:00</b>	Meeting Compilation of registration form Presentation of training days
<b>9:00 – 12:30</b>	Presentation of course First theoretical part: <ul style="list-style-type: none"> <li>• hydraulics and basic hydronomy</li> <li>• river dynamics, hydrometry, river constructions and related dangers and risks</li> <li>• knowledge of systems of real time monitoring and their use in rescue</li> <li>• specific risks for intervention teams on dangerous river territories</li> <li>• speed and power of water and when those parameters are dangerous</li> <li>• case analysis</li> </ul>
<b>12:30 – 13:30</b>	Lunch
<b>13:30 – 18:30</b>	<ul style="list-style-type: none"> <li>• basic cartography and GPS operation fundamentals</li> <li>• use of GPS</li> <li>• distance and timings</li> <li>• understanding in advance, thanks to cartography, which rivers may overflow</li> <li>• case analysis</li> </ul>
<b>18:30 – 20:00</b>	Analysis of first day of training De briefing

<b>HOURS</b>	<b>ACTIVITIES &amp; CONTENT - DAY 2</b>
<b>8:30 – 12:30</b>	Theoretical lesson: <ul style="list-style-type: none"> <li>• analysis of low and high risk</li> <li>• whitewater risks and dangers – alluvial context</li> <li>• specific PPE and regulations in alluvial context</li> <li>• Self-rescue procedures</li> </ul> Out-of-water rope-throwing tests
<b>12:30 – 13:30</b>	Lunch
<b>13:30 – 18:30</b>	Practical simulations of self and others rescue with low and high risk Aggressive and defensive swimming Rescue with ropes First aid and assistance
<b>18:30 – 19:00</b>	De briefing Satisfaction questionnaire Licenses – end of the course



# DISASTER MANAGEMENT



## EQUIPMENT

Each participant must bring :

- River shoes or sport shoes
- 5 mm neoprene swimsuit or dry suit with proper clothing under the suit
- Homologated helmet + lashing

It is possible to reserve and rent all equipment by booking it at reception in advance communicating exact height and weight.

It is suggested to bring snacks and drinks based on saline supplements.

It is fundamental to communicate to the instructor any possible shortcoming of the activity.



## GOALS

- **Formation** of personnel on basic hydraulics and hydronomy, behaviour of water in case of artificial construction, such as bridges, and other dangerous constructions in case of flood.
- **Basic knowledge** on use of online methods (pluviometers and hydrometers) in order to operate in safety conditions
- Teaching personnel on use of **GPS – GIS for rescue**, giving basic knowledges of electronic cartography and GPS with spots research, perimeter of zones, individuation of tracks and waypoint labeling.
- **Supply** participants of fundamental knowledge of troubles in alluvial context, to make responsible decisions and knowing procedures of intervention.