



# TRAINING: Drinking water purification I



Almost every crisis situation has an impact on the drinking water supply. Misjudgments can have serious consequences for the health of emergency services or the affected population.

The Drinking Water Treatment I training course provides participants with a detailed overview of the complexity of the topic of drinking water in the event of a disaster. The knowledge gained with reference to specific operational scenarios enables those involved to make decisions quickly and confidently in an emergency in order to be able to react to potentially dangerous situations.

Depending on the desired duration and objectives of the seminar, the training is individually adapted to the complex requirements of your organisation or authority. The theory is supplemented by practical insights. All participants then receive an operational information overview for tactical decision-making.

<b>Topic</b>	Fundamentals of drinking water treatment in the event of a disaster
<b>Target audience</b>	Operational and management staff   Humanitarian organizations and authorities
<b>Duration</b>	5+ hours
<b>Content</b>	<ul style="list-style-type: none"> <li>• Application scenarios for drinking water treatment in the event of a disaster</li> <li>• Water sources, types and suitability for drinking water supply</li> <li>• Types of contamination, their occurrence and classification</li> <li>• Optical, chemical and biological test methods and procedures</li> <li>• Types of treatment for drinking water as well as advantages and disadvantages in different scenarios</li> <li>• Adequate storage, transport and distribution</li> <li>• Legal basis WHO, EU, DE</li> </ul>
<b>Type</b>	Theoretical fundamentals
<b>Location</b>	On-site (online possible by arrangement)
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• Assessment of the suitability of water sources for drinking water treatment</li> <li>• Awareness of the hazard potential of various contaminants in drinking water</li> <li>• Overview of test procedures and their relevance in the event of a disaster</li> <li>• Knowledge of limit values, emergency regulations and responsible authorities</li> <li>• Handover of an operational information overview</li> </ul>

