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United Nations Institute for Training and Research

Unitar Online Catalogue

Water safety planning for urban water supply systems an introduction

NCD Digital Health and Capacity Building

□□	:	Course
□□	:	Web-based
□□	:	2 Hours
□□□□	:	Other
□□	:	https://whoacademy.org/coursewares/course-v1:WHOAcademy-Hosted+H0008EN+H0008EN ...
□□	:	US\$0.00
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Water safety planning is a proactive risk assessment and risk management approach that encompasses all stages in a water supply from catchment to consumer. It is recommended by WHO as the most effective means of consistently ensuring the safety of drinking-water supply. The overall objective of the course is to contribute to the widespread effective implementation of water safety planning. This course introduces the principles and practices of water safety planning in urban water supplies.

Although the principles in this course can be broadly applied to all types of drinking-water supplies, the content is primarily intended for piped water supplies that are professionally managed (by a water supplier or equivalent management entity).



This course is an introduction to water safety planning, it outlines the principles and steps of the water safety planning approach and presents the success factors that underpin effective and sustainable implementation. It also highlights how water safety planning can strengthen resilience to climate threats.



- The basic principles and steps of water safety planning in urban water supplies;
- Some common advantages of practising water safety planning;
- Basic water safety planning terminology in urban water supplies;
- Successful practices that lead to effective and sustainable water safety planning in urban water supplies; and
- Appropriate WHO resources and tools to help develop and implement a robust water safety plan in urban water supplies.



The content of this course has been validated, verified, and is owned by the Department of Social Determinants of Health unit. This course is not a WHO Academy co-produced course. In case of any concerns or feedback on the course content, please share your feedback in the survey form at the end of this course.



- Government actors with responsibility for drinking-water quality and safety (e.g., drinking-water quality surveillance authorities and ministries with

responsibility for health and water supply), and those who support them. The course will help them integrate and support water safety planning practice, policies, regulations.

- Service providers, and those who support them. The course will help them initiate successful and effective water safety planning.