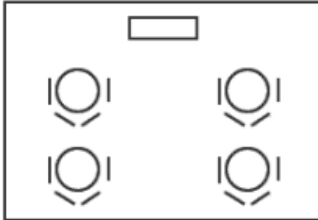




Title of Capacity Development Workshop:	Water safety planning for climate resilient water supplies
Contact details	
Name of proposing organization/s	World Health Organization
Practical requirements	
Timing	Full Day Monday
Minimum/ Maximum number of participants	Up to 40 max.
Facilities preferred:	<p>Projector Marker pens Chart paper + stands x 4 Room suitable for small group work at round tables (i.e. cabaret style)</p>  <p>Cabaret Morning/afternoon tea + snacks, lunch.</p>
Staff details	
Names, qualifications and brief description of experience of staff delivering the workshop.	<p>1) <i>Lead trainer: Dr Rory Moses McKeown (WHO, Switzerland)</i> Over 8 years' experience working in the water sector on drinking-water safety risk management (with a particular focus on water safety planning). Have led numerous training and capacity building workshops on this topic for WHO at country, regional and international levels, in particular, within the African region. Have extensive experience as a lecturer and trainer, possessing strong oral communication skills, which have been recognised by various awards at national and international levels. Please see attached a copy of CV for additional information.</p> <p>2) <i>Supporting trainer: Waltaji Kutane (WHO, Ethiopia)</i> Regional WHO representative with practical experience developing/implementing small system water safety plans for climate resilience.</p>

Course details	
<p>Aims:</p>	<p>Climate change and variability is expected to exacerbate existing pressure on the security of freshwater resources. This will impact both the safety and quantity of drinking-water that is available, impacting water supply services and ultimately public health. As such, there is increasing recognition of the urgent need to improve the resilience of the WASH sector to climate impacts.</p> <p>Water safety plans (WSPs) are considered to be the most effective means to ensure the reliable supply of safe drinking-water. The WSP framework is well suited to proactively manage climate-related risks by considering the implications of climate change and variability at key steps in the water supply system. WSPs considering climate impacts can support the shorter and longer-term safe management and security of drinking-water supplies, despite future uncertainties with respect to a changing climate.</p> <p>This course aims to provide participants with a solid understanding of the key principles of WHO's water safety plan (WSP) approach for small (rural) water supplies, as well as developing participant's technical knowledge and practical skills to support the application of the WSP framework to manage current and future climate-related risks.</p>
<p>Intended audience: Explain who the capacity development workshop is suitable for – what is assumed existing knowledge/ level of education/ experience</p>	<p>The workshop will be suitable for a broad ranging audience, including decision makers, researchers and practitioners representing government, water supply, academic and the development sectors. Participants should have an interest in drinking-water safety/risk management and wish to improve the resilience of water supplies to climate risks. The workshop will assume limited-to-no prior knowledge of the principles of water safety planning or climate experience and is intended to be accessible to all.</p>



<p>Intended Learning Outcomes/Objectives</p>	<p>1. Knowledge & understanding This workshop will aim to:</p> <ul style="list-style-type: none"> • Provide a solid knowledge foundation on the key principles of WHO guidance on water safety planning for small (rural) water supplies • Enable participants to apply this knowledge to identify, assess and manage climate-related risks in drinking-water supplies • Provide a platform to share practical experiences of developing/implementing climate resilient water safety plans within the African region. <p>2. Subject specific skills Participants will develop:</p> <ul style="list-style-type: none"> • Technical appreciation of key steps in the WHO water safety planning approach for small (rural) water supplies • Capacity to understand climate change risks and their impact on drinking-water supply quality and availability; how climate vulnerability assessments may be used to support this process • Understanding of the key principles to identify and prioritize climate-related risks, and plan for their mitigation. <p>3. Key transferable skill The flexibility and adaptability of the WSP approach to manage climate-related risks will be a core learning principle throughout the training; as such, the above knowledge and skills attained during this workshop, are considered to be fully transferable and applicable to broad-ranging water supply types in diverse socioeconomic settings. In addition, a number of supporting tools and guidance resources will be made available to all participants to support future application of the skills acquired during the workshop.</p>
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<p>Format and Content of Workshop</p>	<p>The workshop will be designed to be highly participatory and engaging, employing a mixture of adult-learning techniques .</p> <p>9-10 Session 1 - Welcome and Introduction – welcome, objectives and overview, Climate Change and variability – an overview, Water Safety planning for climate resilient water supplies. Q and A</p> <p>10-10.30 Break</p> <p>10.30 – 15.30 Session 2 - Integrating Climate Resilience into the Water Safety Plans: Principles and practice</p> <p>10.30 – 12 Supplementing the WSP team with relevant climate expertise (& activity)</p> <p>Integrating climate considerations into the system description (& activity)</p> <p>Identifying climate-related hazards/hazardous events, assessing existing control measures, and risk assessment (& activity)</p> <p>12 – 14.00 Lunch</p> <p>14.00 – 15.30 Improvement planning for climate resilience (& activity)</p> <p>Developing climate related emergency response and supporting programmes (& activity)</p> <p>Regional experiences from climate resilient WSP programmes (Ethiopia and Nepal)</p> <p>15.30 – 16.00 Break</p> <p>16.00 – 17.00 Session 3 Country Experiences on Climate Resilient Water Safety Planning</p> <p>Plenary discussion on challenges and opportunities for climate resilient water supplies</p>
<p>Materials to be circulated in advance or after the workshop.</p>	<p>All participants will be provided with a support package at the end of the workshop, including:</p> <ul style="list-style-type: none"> • Hardcopy of the 2017 WHO guidance document on climate resilient water safety planning • Hard copy of hazard identification and risk assessment tools and guidance notes • Electronic copy of all slides and training materials used in the workshop, and template WSPs.
<p>Means of assessment and feedback to students:</p>	<p>There will be a number of activities and exercises during the day that will provide the trainer with an opportunity to assess and provide feedback on participant’s progress. Also, a brief assessment quiz will be held at the end of the workshop.</p>
<p>Mechanism and means of course evaluation:</p>	<p>A tailored feedback form will be distributed to participants and collected at the end of the workshop. The outcomes of which will be made available to the conference organizing committee as required.</p>