

Climate Change and WASH Toolbox for Humanitarian Practitioners

A product of the Global WASH Cluster
Climate Change Working Group

Version 1 | July 2024



About this Toolbox

This toolbox offers capacity strengthening resources and tools to help organizations understand and address climate change in the water, sanitation, and hygiene (WASH) space, particularly related to adaptation, mitigation, and environmental mainstreaming. Resources include technical and training guides, online courses, and learning briefs. This toolbox draws on resources produced by many organizations. We appreciate the time and resources the organizations put into developing these resources and for making them open and freely available. The toolbox aims to meet the practical needs of humanitarian professionals involved in WASH, addressing both climate change issues and their impacts on programming. It includes resources from the development sector that are relevant to humanitarian work in WASH. The intended audience of this toolbox is professionals in the humanitarian sectors, with a particular focus on those working in WASH.

This is a live document and will be updated regularly and available online. Have feedback or content you would like to recommend for inclusion? Scan the QR code to suggest a resource or email suggestions to: nweber@savechildren.org.



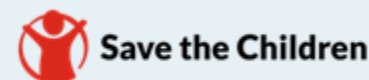
Acknowledgements

The [Global WASH Cluster Climate Change Working Group](#) curated these resources.

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PROTO CREDIT: Cover photo. Sacha Myers / Save the Children

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Strategic Framework for WASH Climate Resilience

[Access the strategic framework, technical briefs, and learning modules here](#)

Languages available: English, Spanish, French, Portuguese

Audience: WASH professionals, program planners, and decision-makers

Setting: humanitarian and development

Geography: global


What's included: framework, implementation guidance, case studies, M&E tools and indicators

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: UNICEF and Global Water Partnership (GWP)

What you'll get: practical guidance on integrating climate resilience into WASH services, including resources on risk assessments, resilient sanitation, national strategy integration, and learning modules on risk assessment, resilience options, and monitoring and evaluation

Key words: climate resilience, sanitation, water safety plans, risk assessments



Strategic Framework for WASH Climate Resilience



> THE FRAMEWORK

NEW! The 2022 Edition of the Strategic Framework for WASH Climate Resilient Development launched at COP27 on 17 November.



The Strategic Framework consists of 4 quadrants which provide guidance on how to ensure resilient WASH services.

Resilient WASH programming helps ensure that WASH infrastructure and services are sustainable and resilient to climate related risks; and WASH contributes to building community resilience to climate change.



> TECHNICAL BRIEFS

To support the implementation of the Strategic Framework, a number of Technical Briefs have also been developed. The Briefs go into further detail on specific topics to support the implementation of the Framework.

1. Understand the problem - Guidance Note

- Risk assessments for WASH • Spread sheet tool

2. Identify and appraise options - Technical Briefs

- Linking risk with response: options for climate resilient WASH - also available in Spanish and French
- Appraising and prioritising options for climate resilient WASH
- Climate resilient sanitation in practice

3. Deliver solutions - Technical Briefs

- Integrating climate resilience into national WASH strategies and plans
- Local participatory water supply and climate change risk assessment: modified water safety plans

> LEARNING MODULES

The following Learning Modules have been developed in order to build the capacity of WASH practitioners to implement WASH climate resilience programming.

1. Understand the problem

- Learning Module 1: Introduction
- Learning Module 2: WASH Climate Risk Assessments

2. Identify and appraise options

- Learning Module 3: Options to Improve Climate Resilience

3. Deliver solutions

- Learning Module 4: Integrating Options into Strategies and Plans

4. Monitor and move forward

- Learning Module 5: Monitoring Programmes and Systems

Country Initiatives



Potable Water: Incorporating Climate Change Adaptation in Infrastructure Planning and Design

[Access the document here](#)

Languages available: English

Audience: USAID project managers, potable water professionals

Setting: development

Geography: global

What's included: annex of potable water adaptation strategies, suggested resources, adapted climate-resilient development framework

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: USAID

What you'll get: practical guidance on how to incorporate climate resilience into USAID-supported potable water infrastructure projects by addressing climate change impacts, providing adaptation options, and offering a risk assessment methodology for resilient engineering design, service delivery, and supply management

Key words: potable water, climate resilience



Nature-based Solutions for Climate Resilience in Humanitarian Action

[Access the guide here](#)

[Additional Sphere guidance here](#)

Languages available: English

Audience: program planners and decision makers; development sector workers; climate affected communities; climate experts

Setting: humanitarian

Geography: global

What's included: implementation guidance, tools

Objective: climate change adaptation

Authors: Sphere, Friends of Ecosystem-based Adaptation (FEBA), Ecosystems for Adaptation and Disaster Risk Reduction (PEDRR), Environment and Humanitarian Action Network (EHAN), International Federation of Red Cross and Red Crescent Societies (IFRC)

What you'll get: practical advice on using Sphere minimum standards for implementing nature-based solutions (NbS) to tackle societal challenges like disaster risk reduction and climate change adaptation in humanitarian actions

Key words: nature-based solutions, climate resilience



A Guide to Climate-Smart Programmes and Humanitarian Operations

[Access the full guide here](#)

[Access the summary of the guide here](#)

Languages available: English, French, Spanish

Audience: IFRC staff, program planners and decision makers

Setting: humanitarian and development

Geography: global

What's included: case studies, program design and implementation guidance

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: IFRC

What you'll get: guidance for making Red Cross and Red Crescent programs climate-smart by integrating climate information into program design and operations to mitigate future risks and support communities in adapting to climate change

Key words: climate-smart, mitigation, adaptation, climate risks



Disaster Risk Reduction and WASH Comprehensive Guidance

[Access the guide here](#)

Languages available: English

Audience: program planners and WASH field practitioners

Setting: humanitarian

Geography: global

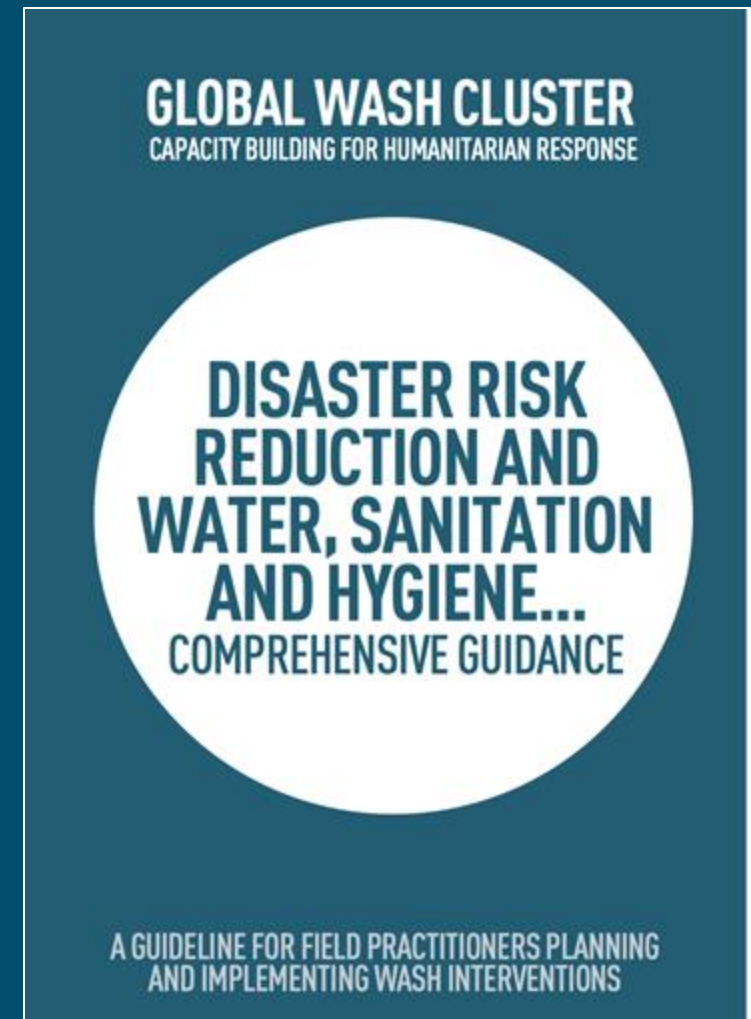
What's included: models and frameworks, case studies and examples, tools and resources

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: Global WASH Cluster (GWC)

What you'll get: comprehensive guidance on integrating disaster risk reduction into WASH efforts, emphasizing the importance of planning and preparedness in reducing risks to WASH systems during emergency response and early recovery phases

Key words: disaster risk reduction, planning and preparedness



Climate-Resilient Water Safety Plans: Managing Health Risks Associated with Climate Variability and Change

[Access the resource here](#)

Languages available: English, French, Japanese

Audience: water suppliers, water safety plan teams, health, and environment agencies supporting WSP implementation

Setting: development

Geography: global

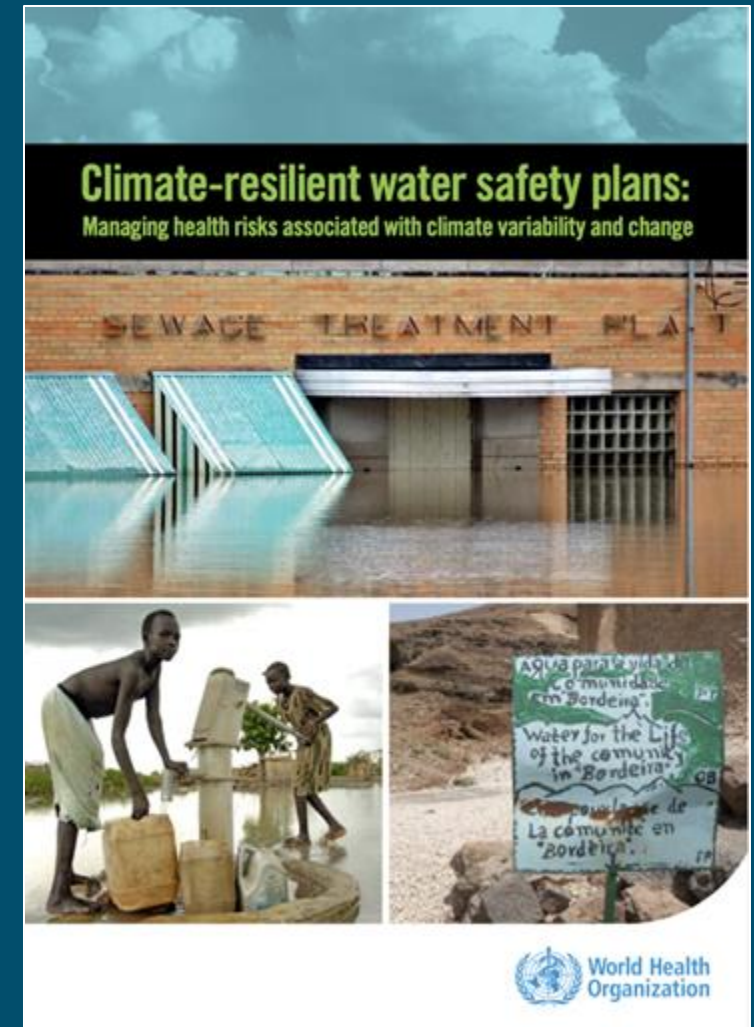
What's included: modules, case studies

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: WHO

What you'll get: better understanding of how to integrate broader climate change issues, regional vulnerability assessments, disaster risk reduction, and integrated water resources management into the WSP process, enhancing its effectiveness in providing safe water under changing future conditions and extreme weather events

Key words: disaster risk reduction, integrated water resources management, water safety plans, vulnerability assessments



Programme Guidance for Climate Resilient WASH & Integrating Climate Resilience with WASH System Strengthening

[Access the program guidance here](#)

[Learn about integrating climate resilience here](#)

Languages available: English, French, Spanish, Portuguese

Audience: WASH professionals

Setting: humanitarian and development

Geography: global

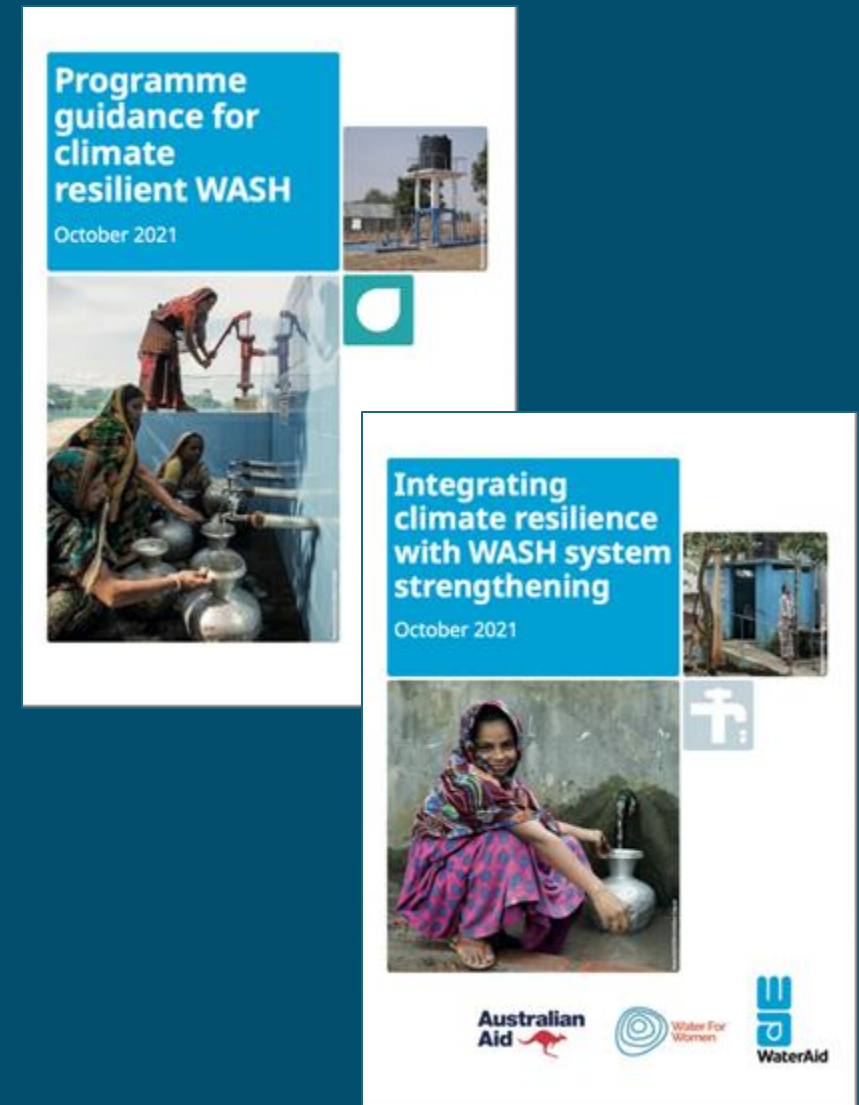
What's included: frameworks, tools, program guidance, examples

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: WaterAid

What you'll get: practical knowledge and tools for integrating climate resilience into WASH system strengthening, including frameworks, strategies, and real-world examples, as well as detailed guidance on designing, implementing, and evaluating climate-resilient WASH programs

Key words: climate resilience, integration



WREC Global Digest of Waste Management

[Access the resource here](#)

Languages available: English

Audience: humanitarian professionals working in solid waste management

Setting: humanitarian

Geography: global

What's included: practical guidance, links to tools and resources, solid waste management standards and guidelines (including donor standards), country-specific legislation

Objective: environmental mainstreaming

Authors: Logistic Cluster's Environmental Sustainability Team, WREC Coalition

What you'll get: essential knowledge on the minimum standards and regulations for waste management in humanitarian operations, along with practical tools and extensive references to ensure environmentally sustainable practices and regulatory compliance, helping to reduce the environmental footprint in emergencies and protracted crises

Key words: solid waste management, legislation, standards and guidelines



GLOBAL DIGEST OF WASTE MANAGEMENT
Our responsibility towards waste: Standards,
Conventions, Guidelines

August 2023



WREC Waste or Material Characterization Exercise Guidance

[Access the resource here](#)

Languages available: English

Audience: humanitarian professionals working in solid waste management

Setting: humanitarian

Geography: global

What's included: step-by-step guidance, waste or material characterization exercise worksheet

Objective: environmental mainstreaming

Authors: Logistic Cluster's Environmental Sustainability Team, WREC Coalition

What you'll get: Guidance on conducting a waste characterization exercise to understand the different waste streams and identify alternatives to landfilling, such as reducing waste, recycling, or repurposing items. This exercise also aids in creating a comprehensive SWM plan with activities and budget considerations for responsible waste management.

Key words: solid waste management, solid waste management plan



WREC Quick Guide: Environmentally Sustainable Procurement

[Access the resource here](#)

Languages available: English

Audience: humanitarian logisticians, especially those working in procurement

Setting: humanitarian

Geography: global

What's included: introduction to green procurement and its application, practical guidance on embedding green procurement into the humanitarian sector

Objective: environmental mainstreaming

Authors: Logistic Cluster's Environmental Sustainability Team, WREC Coalition

What you'll get: introduction to environmentally sustainable procurement principles and their applications in the humanitarian sector, tailored specifically for logisticians to integrate environmental considerations into daily field operations

Key words: procurement



Managing Solid Waste: Sector Specific Guidelines for the Red Cross Red Crescent

[Access the guidelines here](#)

Languages available: English

Audience: all practitioners working in humanitarian operations

Setting: humanitarian

Geography: global

What's included: framework, sector specific guidance, general waste management guidance, tools and other resources

Objective: environmental mainstreaming

Authors: IFRC

What you'll get: practical, sector-specific guidelines for managing solid waste in emergency contexts to improve environmental sustainability and health outcomes, tailored for use by humanitarian practitioners in various sectors

Key words: solid waste management, shelter and settlements, livelihoods, relief distribution and logistics, health, facility and office management, hazardous and special waste, organizational development, waste assessments, water collection systems, recycling, organic waste recover, incineration, landfilling



Green Response: Environmental Quick Guide

[Access the guide here](#)

Languages available: English, French, Spanish, Arabic

Audience: humanitarian professionals, especially those working in disaster risk management

Setting: humanitarian

Geography: global

What's included: green response essentials, practical guidance, examples to inspire more sustainable practices, additional tools, resources, and guidance

Objective: environmental mainstreaming

Authors: IFRC

What you'll get: better understanding of green response and practical guidance on improving environmental sustainability in projects and humanitarian operations supported by ideas, solutions, and advice for reducing negative environmental impacts during project planning, with a focus on disaster risk management

Key words: environmental screening, community environmental awareness, procurement, transport and logistics, construction, energy, waste, land, cash and voucher assistance



Water and Conflict: A Toolkit for Programming

[Access the toolkit here](#)

Languages available:

Audience: humanitarian professionals, especially those working on water programs

Setting: humanitarian

Geography: global

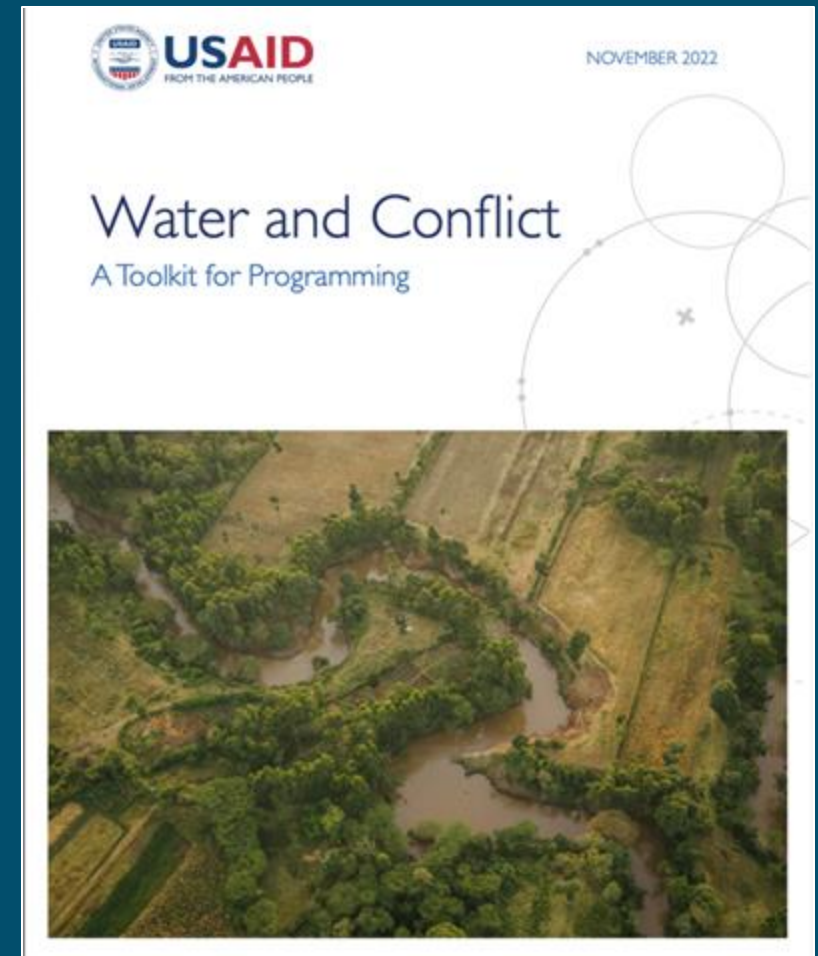
What's included: practical guidance, best practices, strategies, and resources to integrate conflict considerations into water programs, case studies/country specific examples

Objective: climate change adaptation

Authors: USAID

What you'll get: better understanding of the links between water management and conflict, guidance on incorporating conflict sensitivity into water security, sanitation, and hygiene programming, and best practices for designing and monitoring conflict-sensitive interventions

Key words: water security, conflict, disaster risk reduction, cross-cutting issues, peacebuilding, migration, agriculture, food security, energy, environment and ecosystems



Guidance on the Operationalisation of the Minimum Environmental Requirements and Recommendations

[Access the document here](#)

Languages available: English

Audience: humanitarian professionals

Setting: humanitarian

Geography: global

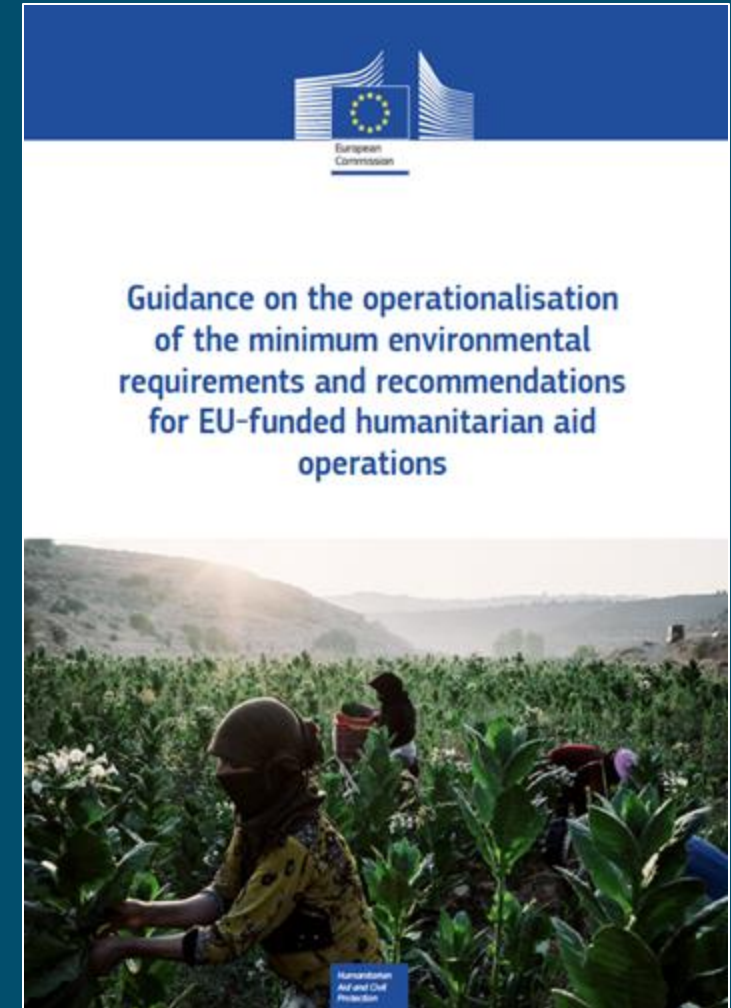
What's included: general considerations, guiding principles, cross-cutting requirements and recommendations, sector-specific requirements and recommendations

Objective: environmental mainstreaming

Authors: Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO)

What you'll get: guidance on implementing the minimum environmental requirements and recommendations for EU-funded humanitarian aid operations, focusing on reducing the environmental footprint and ensuring sustainability across various humanitarian projects and sectors

Key words: environmental mainstreaming, risk-informed, sustainability, food assistance, shelters and settlements, protection, nutrition, camps, livelihoods, education



Online Courses

[Solar Powered Water Systems: An Overview of Principles and Practice](#)

[Solar Powered Water Systems: Online Training](#)

[Climate Resilient and Inclusive WASH Online Training Course](#)

[Integrating Climate Change into Programming](#)

[WASH Climate Resilience](#)

[Integrated Drought Management](#)

[Climate Resilient Water Safety Plans](#)

[Introduction to Water and Climate](#)

[Greening Humanitarian Aid](#)

Solar Powered Water Systems: An Overview of Principles and Practice

[Access the course here](#)

Languages available: English

Audience: development professionals

Setting: development

Geography: global

What's included: standards, guidelines, best practices

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Duration: 12 hours; self-paced

Cost: free

Authors: Cap-Net, UNICEF, Water Mission, International Water Management Institute (IWMI), International Organization for Migration (IOM), Oxfam, Practica Foundation, the University of Texas at Austin, United States Geological Survey (USGS), and Engineers Without Borders

What you'll get: better understanding of the opportunities, risks, and common obstacles to sustainability linked with SPWS, how to evaluate capacity gaps relevant to SPWS programming, and how to implement established standards, guidelines, and best practices to enhance SPWS effectiveness

Key words: solar powered water systems



Solar Powered Water Systems: Online Training

[Access the course here](#)

[Access the accompanying book here](#)

Languages available: English and Spanish

Audience: humanitarian and development professionals who want to start using solar powered water systems in their work

Setting: humanitarian and development

Geography: global

What's included: course modules, videos, practical exercises, reading, supporting documents and tools, examinations

Objective: climate change adaptation

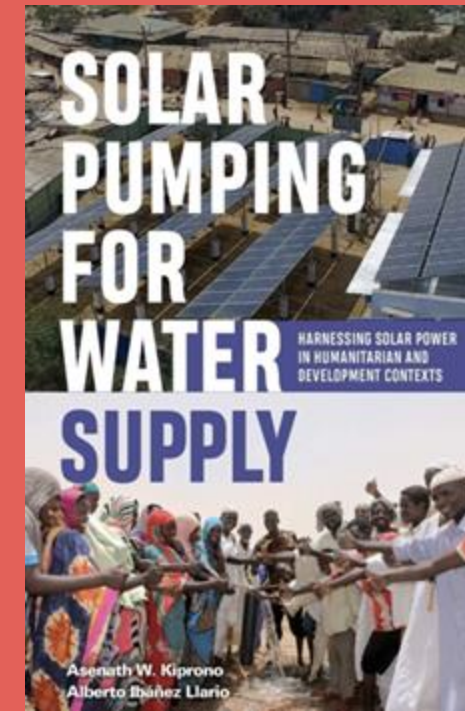
Duration: 30 hours; self-paced

Cost: free

Authors: IOM and Universidad Politécnica de Valencia

What you'll get: better understanding of the use of solar-powered water systems (planning, design, installation, testing, operation and maintenance) for humanitarian and development projects, including configurations, components, economic comparisons, and practical applications

Key words: solar, solar powered water systems



The screenshot shows the website for 'Solar Powered Water Systems – Online Training' on TheSolarHub. The header includes the logo and navigation links: ABOUT, USING SOLAR, RESOURCES, ASK AN EXPERT, COMMUNITY, and BLOG. The main content area has the title 'Solar Powered Water Systems – Online Training' and a sub-header 'About this online course'. Below this, there are three bullet points describing the course: it is an in-depth introduction to solar-powered water systems for humanitarian and development projects; it is online (self-paced training) with asynchronous tutorials and tests (continuous evaluation) on the Universidad Politécnica de Valencia (UPV) training platform; and the teaching-learning process is carried out with videos recorded at the UPV, and includes a book containing all the subjects, topics, and graphics discussed in the videos. Several documents, made-for-purpose solar pumping tools, and Excel spreadsheets are provided for various modules. A small image of a group of people is also visible on the right side of the page.

Climate Resilient and Inclusive WASH Online Training Course

[Access the course here](#)

Languages available: English

Audience: WASH practitioners, government staff, and students

Setting: humanitarian and development

Geography: Asia-Pacific region

What's included: different approaches, practical guidance, case studies, tools

Objective: climate change adaptation, mitigation, and environmental mainstreaming

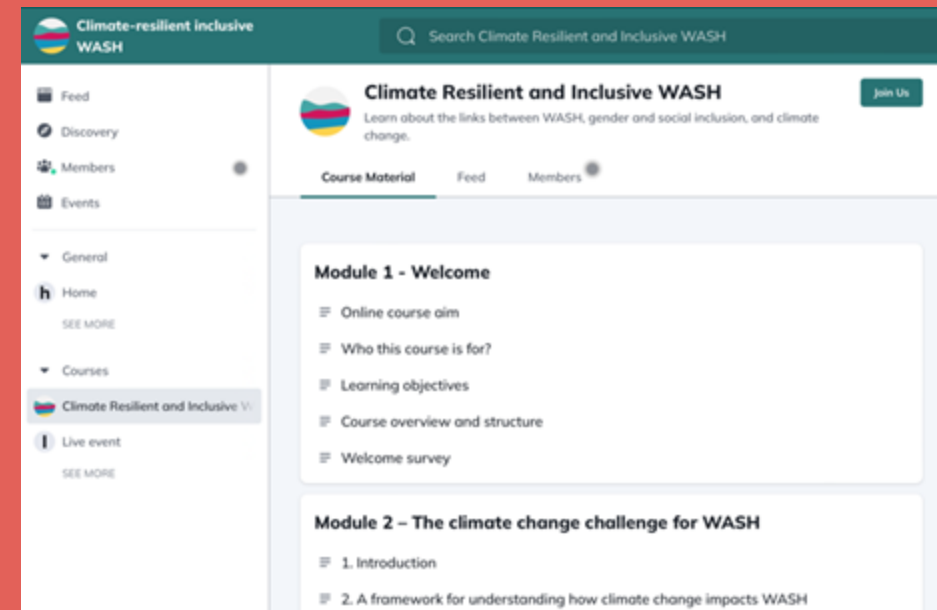
Duration: self-paced; 5 hours

Cost: free

Authors: University of Technology Sydney (UTS) Institute for Sustainable Futures (ISF)

What you'll get: practical knowledge, decision making/strategic tools, assessment tools, risk assessment tools, community participation and engagement tools, and case studies to address climate change challenges in the WASH sector, based on extensive research in the Asia-Pacific region

Key words: climate resilience, inclusive WASH



Integrating Climate Change in UNICEF's Planning and Programming

[Access the course here](#)

Languages available: English

Audience: UNICEF staff, UNICEF National Committees staff and volunteers, and UNICEF partners

Setting: humanitarian and development

Geography: global

What's included: technical tools and resources, country-specific examples (Vietnam)

Objective: environmental mainstreaming

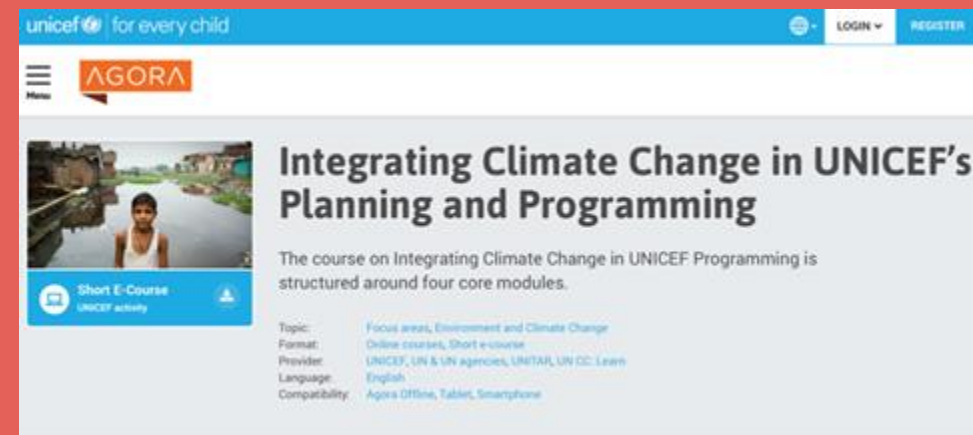
Duration: self-paced; 168 minutes

Cost: free

Authors: UNICEF

What you'll get: insight into the specific impacts of climate change on children, better understanding of how to take increased climate action and integrate into programming, what tools and resources are available to support, and understand innovative funding mechanisms for climate change action, enabling successful resource access and advocacy

Key words: integration, planning and programming



Instructor-led Online Course on WASH Climate Resilience

[Access the course here](#)

Languages available: English

Audience: UNICEF staff, representatives of national ministries or water/sanitation agencies, members of GWP Country Water Partnerships or Regional/GWPO Staff, members of Cap-Net affiliated networks

Setting: humanitarian and development

Geography: global

What's included: technical tools and resources,

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Duration: instructor-led; 14 weeks; currently closed but re-opens periodically

Cost: free

Authors: Cap-Net, UNICEF, GWP

What you'll get: knowledge and skills to design and implement sustainable, climate-resilient programs, covering risk assessment, policy evaluation, intervention strategies, technology solutions, monitoring, financing options, and providing a certification upon completion

Key words: strategic framework, climate resilience



Instructor-led Online Course on WASH Climate Resilience



Integrated Drought Management: Monitoring & Early Warning

[Access the course here](#)

Languages available: English and French

Audience: professionals working in drought management

Setting: development

Geography: global

What's included: practical application, indicators

Objective: climate change adaptation

Duration: self-paced; 8 hours

Cost: free

Authors: Cap-Net

What you'll get: better understanding of drought phenomena, climate change impacts, and practical skills in integrated management, including monitoring, early warning systems, and impact assessment, essential for proactive and effective response strategies

Key words: integrated drought management, monitoring, early warning



Integrated Drought Management: Monitoring and Early Warning



Climate Resilient Water Safety Plans

[Access the course here](#)

Languages available: English

Audience: local providers of drinking water services and health personnel who carry out surveillance and monitoring activities of the water supply system

Setting: humanitarian and development

Geography: global

What's included: case studies, readings, quizzes, forum activities

Objective: climate change adaptation

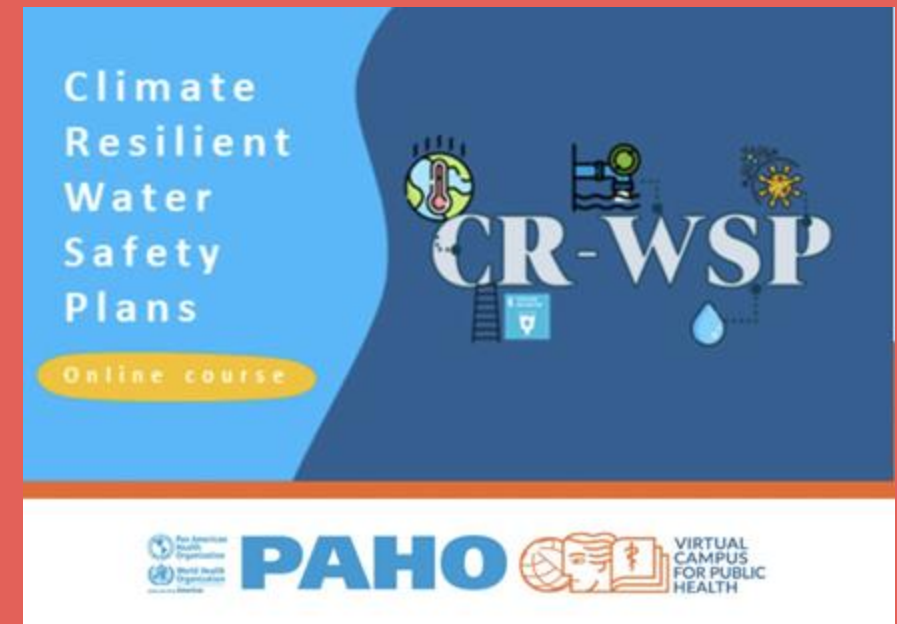
Duration: self-paced; 40 hours

Cost: free

Authors: Pan American Health Organization (PAHO)

What you'll get: skills to develop and implement water safety plans that consider climate variability and change by learning how to identify climate-exacerbated hazards, integrate water resources management and disaster risk reduction, and ensure safe operating practices in water supply systems

Key words: climate resilience, water safety plans, disaster risk reduction, integrated water resources management, water supply systems



Introduction to Water and Climate

[Access the course here](#)

Languages available: English

Audience: water sector professionals

Setting: development

Geography: global

What's included: handouts/worksheets, exercises, reading materials, video lectures

Objective: climate change adaptation

Duration: self-paced; 80 hours

Cost: free

Authors: Delft University of Technology Open Course Ware (TU Delft OCW)

What you'll get: better understanding of the global water cycle, the relationship between water and climate change, and the challenges of water management as well as engineering interventions for water systems, strategies for water resource management, and methods to mitigate climate change impacts, all aimed at enhancing the sustainability and effectiveness of water-related projects

Key words: water and climate, water and climate change, global water cycle, water systems



Greening Humanitarian Aid

[Access the course here](#)

Languages available: English

Audience: humanitarian workers interested in improving their knowledge and competencies related to Environment in Humanitarian Action

Setting: humanitarian

Geography: global

What's included: e-learning evaluation

Objective: environmental mainstreaming

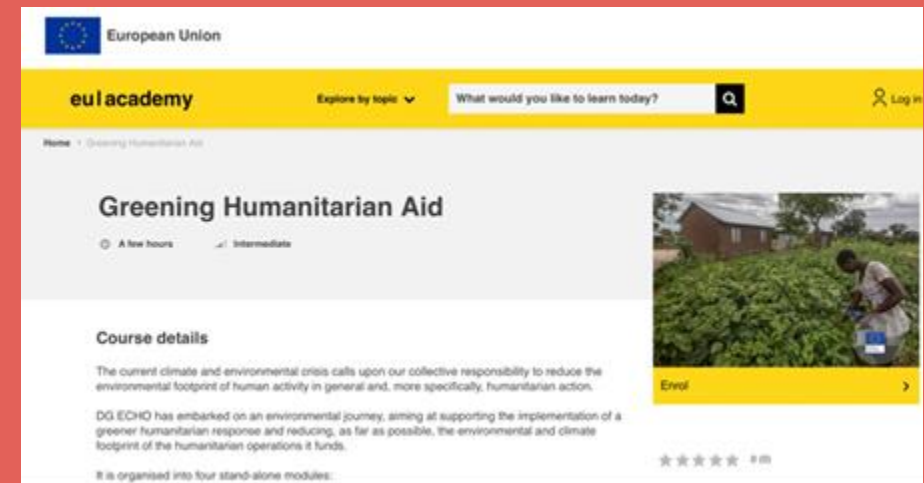
Duration: self-paced; a few hours

Cost: free

Authors: DG ECHO

What you'll get: better understanding of how to integrate environmental considerations into humanitarian operations, through methodological support and background information on environmental issues in humanitarian action

Key words: greening, humanitarian aid, environmental mainstreaming, Environment in Humanitarian Action



Facilitator and Training Resources

[IFRC Climate Training Kit](#)

[Humanitarian Supply Chains Environmental Sustainability](#)

[Green Guide to Water and Sanitation](#)

IFRC Climate Training Kit

[Access modules here](#)

Languages available: English, Spanish, and French

Audience: humanitarian professionals

Setting: humanitarian

Geography: global

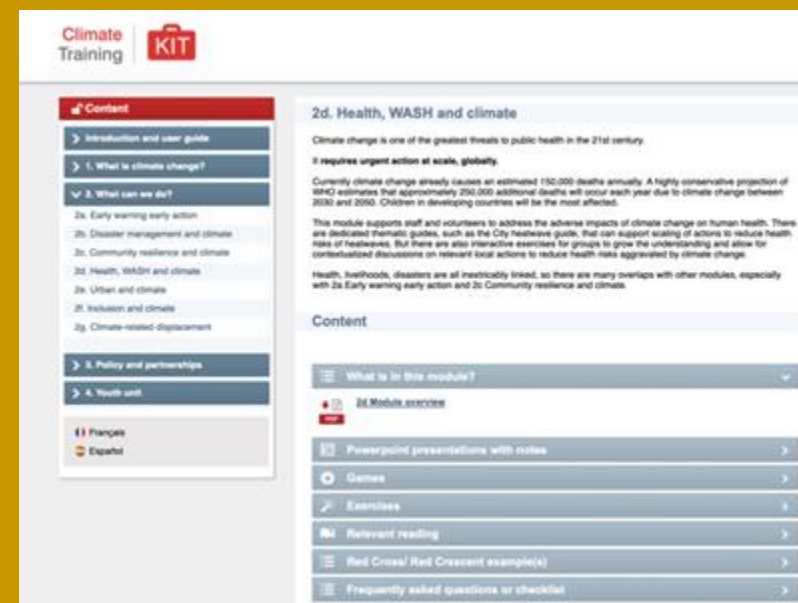
What's included: examples, tools, resources, games

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: IFRC Climate Centre

What you'll get: innovative tools to trainers and facilitators within the Red Cross Red Crescent Movement and its partners as well as adaptable material

Key words: community resilience, disaster management, health and WASH



Environmental Sustainability in Humanitarian Supply Chains: Training Landscape Mapping

[Access the resource here](#)

Languages available: English

Audience: humanitarian professionals, especially those working in supply chain and logistics operations

Setting: humanitarian

Geography: global

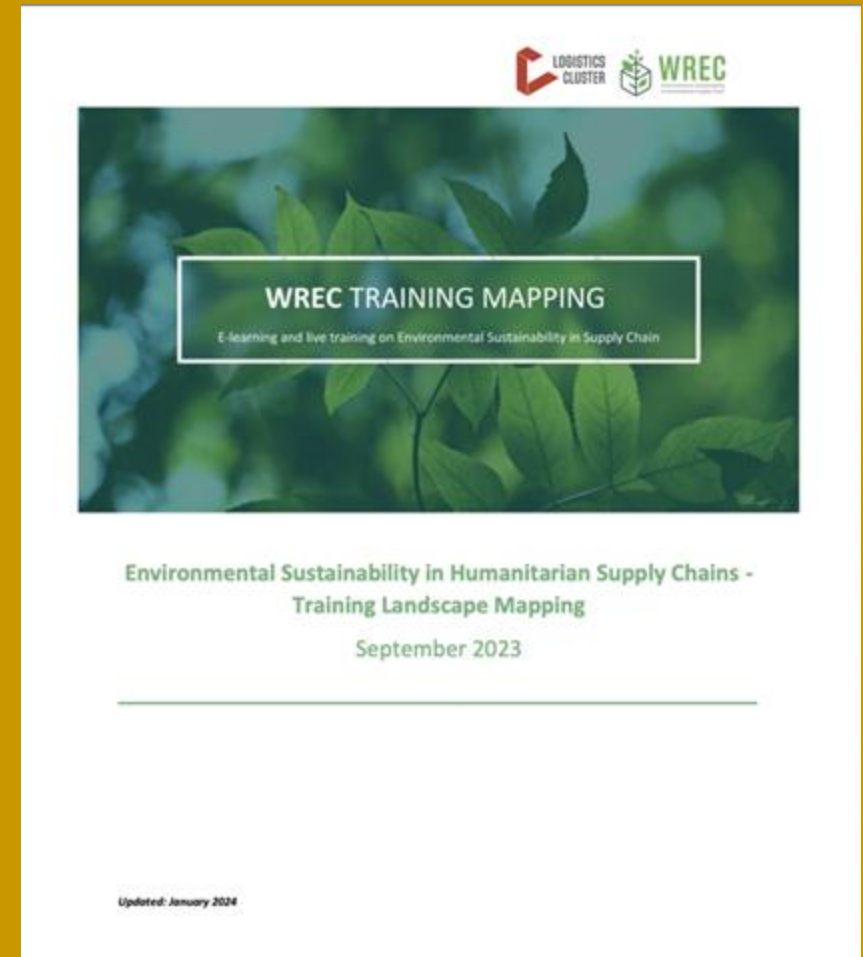
What's included: overview of trainings that have been identified and are available in the sector

Objective: environmental mainstreaming

Authors: Environmental Sustainability in Humanitarian Supply Chain and Logistics Cluster

What you'll get: access to a compiled and growing mapping of reliable training resources on environmental management for supply chain and logistics operations, specifically designed to support humanitarian logisticians in enhancing their sustainability practices and help identify the most appropriate training to reinforce skills

Key words: supply chain and logistics, training, circular economy, waste management, supply chain planning, greenhouse gas emissions, green procurement, sustainability



GRRT: Green Guide to Water and Sanitation

[Access the resource here](#)

Languages available: English, Spanish, Bahasa Indonesia

Audience: humanitarian professionals

Setting: humanitarian

Geography: global

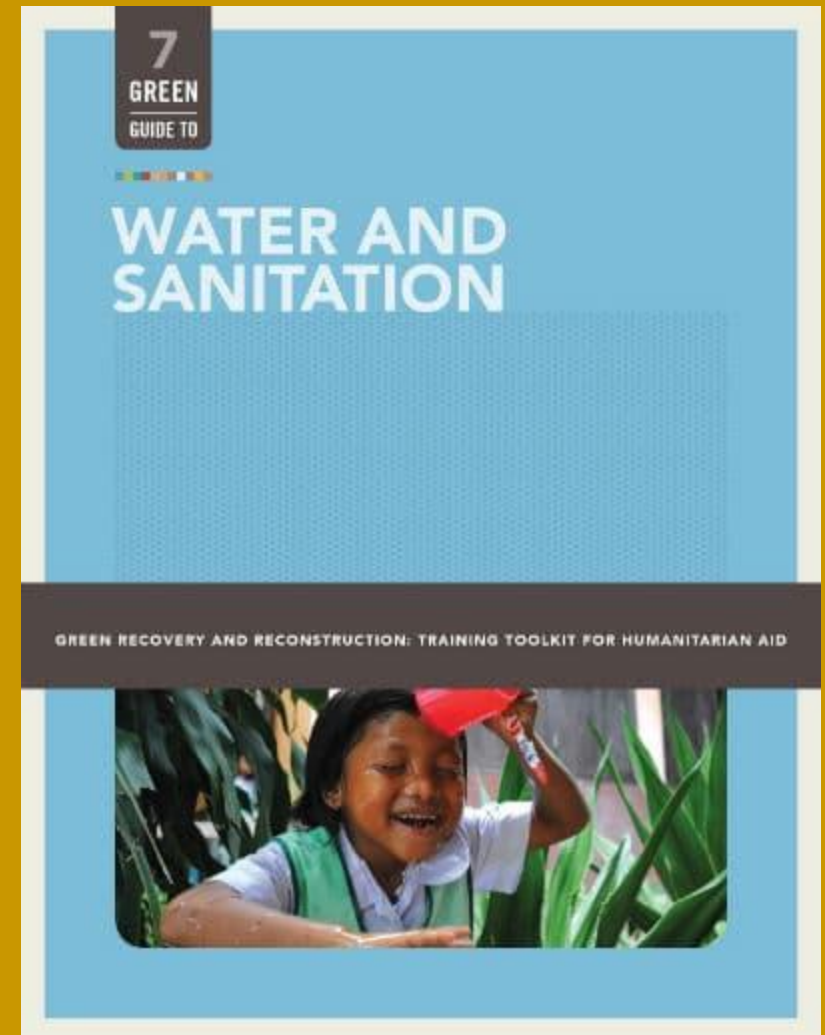
What's included: Trainer guide, training slide decks, and content paper

Objective:

Authors: Environmental Sustainability in Humanitarian Supply Chain and Logistics Cluster

What you'll get: This module, part of the Green Recovery and Reconstruction Training Toolkit for Humanitarian Aid, focuses on integrating environmentally sustainable practices into water and sanitation programs to enhance community resilience and reduce ecosystem impacts. It covers community participation, watershed management, and offers practical strategies like treatment wetlands, household water treatment, and waste management technologies.

Key words: watershed management, climate, community



Context-Specific Resources

Nigeria

Bangladesh

Nepal

WASH & Climate Change Adaptation Training Module

[Access the training guide and accompanying factsheet here](#)

Languages available: English

Audience: development professionals

Setting: humanitarian and development

Geography: Nigeria, global

What's included: adaptable resources, case studies and examples, participant engagement techniques

Objective: climate change adaptation, mitigation, and environmental mainstreaming

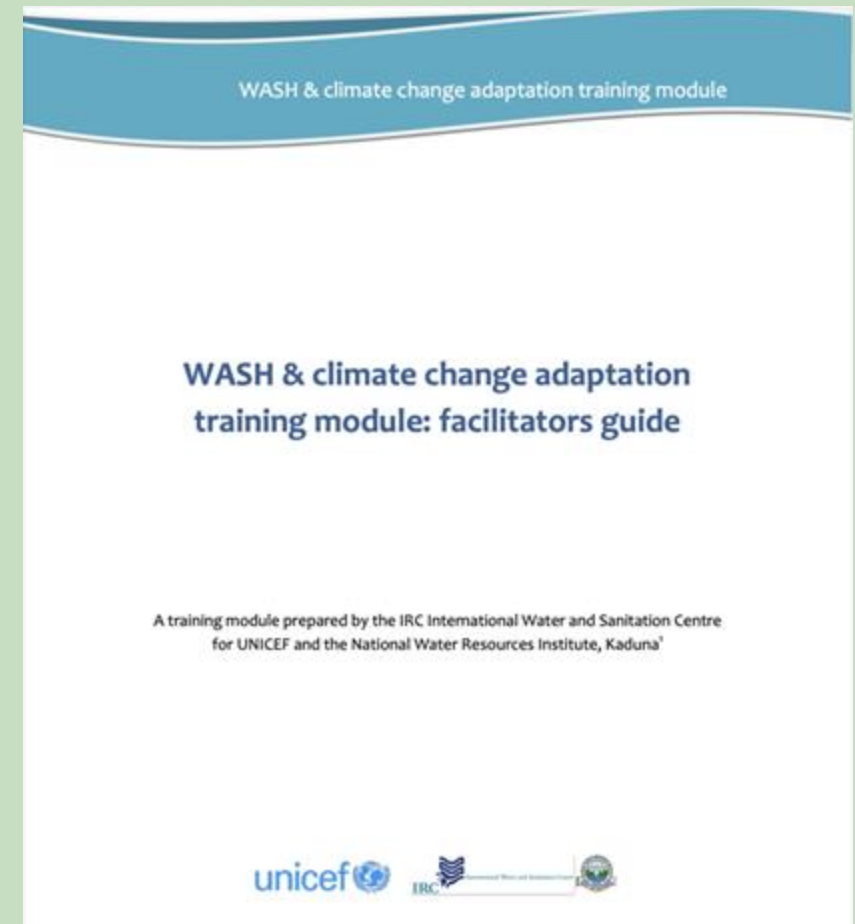
Authors: International Rescue Committee International Water and Sanitation Centre for UNICEF and the National Water Resources Institute, Kaduna

What you'll get: a selection of adaptable resources to facilitate training courses in climate change adaptation for WASH sector professionals, aiming to influence sectoral approaches towards improved climate resilience through enhanced capacity building and mainstreaming of adaptation efforts

Key words: community-based adaptation, scenario-based planning, integrated water resources management

Facilitator and Training Resources

Context-Specific Resources



Integrating Climate Change Adaptation into Development Planning of Bangladesh

[Access the training manual here](#)

Languages available: English

Audience: development professionals

Setting: development

Geography: Bangladesh

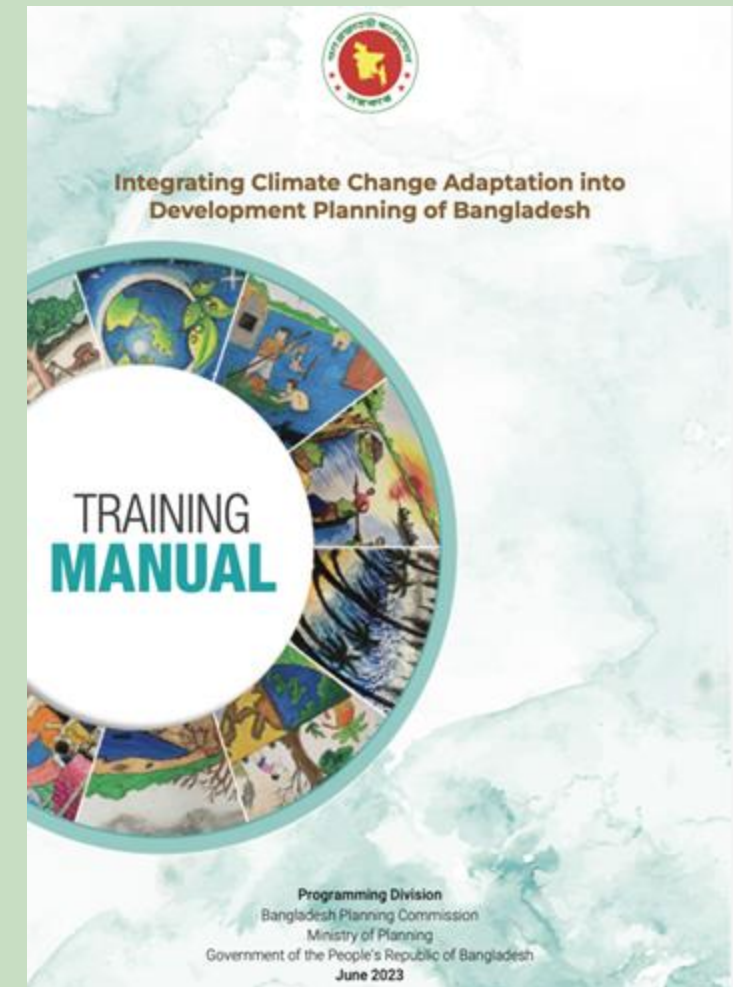
What's included: practical tools and techniques, case studies, interactive exercises

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: Bangladesh Planning Committee

What you'll get: practical guidance on how to integrate climate change adaptation into programming especially by applying a climate lens, using climate data, performing risk assessments, among others

Key words: climate hotspots, climate data, risk assessments, institutional capacity



Facilitator and Training Resources

Context-Specific Resources

Training Manual on Climate Resilient Water Safety Plan (CR-WSP)

[Access the training manual, participant's workbook, and training presentations here](#)

Languages available: English

Audience: development professionals

Setting: development

Geography: Nepal

What's included: water safety framework, risk assessment tools, adaptation strategies, case studies, practical exercises

Objective: climate change adaptation

Authors: Government of Nepal (GoN), National Water Supply and Sanitation Training Centre

What you'll get: comprehensive training materials structured around WHO and DWSS Water Safety Plans, based on practical insights including emerging issues like climate change, drawing from national and international resources and experiences since 2006, supported by WHO-Nepal and expert consultations

Key words: climate resilience, water safety plans

Facilitator and Training Resources

Context-Specific Resources



Facilitator's Guide on Climate Change and WASH

[Access the training guide here](#)

Languages available: English

Audience: development professionals

Setting: development

Geography: Nepal

What's included: technical insights, case studies, policy guidance, practical solutions

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: GoN, National Water Supply and Sanitation Training Centre

What you'll get: training resource to assist trainers in delivering Climate Change and WASH training to District Engineers from GoN Department of Water Supply and Sewerage, focusing on deploying effective training techniques, preparing relevant materials, presentations, and evaluating participant performance

Key words: vulnerability assessment, climate vulnerability



Government of Nepal
Ministry of Water Supply and Sanitation
Department of Water Supply and Sewerage
National Water Supply and Sanitation Training Centre

Facilitator's Guide on Climate Change and WASH

Final Draft

Facilitator and Training Resources

Context-Specific Resources

Webinars and Recordings

Anticipatory Action

Climate Change

Practical Integration of
Climate Resilience into
WASH

Anticipatory Humanitarian Action and WASH Webinar

[Access the recording here \(July 18\)](#)

Languages available: English

Audience: field level humanitarian staff

Setting: humanitarian

Geography: DRC, global

What's included: anticipatory humanitarian action fundamentals, case studies, frameworks, Q&A session

Objective: climate change adaptation and environmental mainstreaming

Authors: German WASH Network and Global WASH Cluster Climate Change Working Group

What you'll get: better understanding of how to integrate anticipatory action principles in WASH projects, including risk forecasting and contingency planning

Key words: anticipatory humanitarian action, risk forecasting, contingency planning

CLIMATE CHANGE ACTION IN HUMANITARIAN WASH



(Foto: arche noVa)

Unlock the Future: Integrating Climate Change Action in Humanitarian WASH Projects

Are you ready to revolutionize the way we think about Water, Sanitation, and Hygiene (WASH) in the context of an evolving climate?

Join us for an empowering session that delves into the heart of sustainability and resilience in humanitarian initiatives. This online experience isn't just a discussion—it's a catalyst for transformative action tailored for professionals who are eager to "green" their organizations and:

Climate Change and WASH Capacity Strengthening Toolbox Launch

[Register for the webinar here \(September 19\)](#)

Languages available: English

Audience: field level humanitarian staff

Setting: humanitarian

Geography: global

What's included: overview of tools and resources, experiences of organizations that have developed and utilized these tools

Objective: climate change adaptation, mitigation, and environmental mainstreaming

Authors: Global WASH Cluster Climate Change Working Group and PRO-WASH & SCALE

What you'll get: better understanding of what tools and resources are available for enhancing WASH program design and implementation in the context of climate change adaptation, mitigation, and environmental mainstreaming

Key words: webinar, capacity strengthening

Climate Change and WASH Capacity Strengthening Toolbox Launch

Share: [🔗](#) [🐦](#) [in](#) |



Ms. Hemal, DADO NARI

Date: Sep 19, 2024
Time: 8:00am - 9:00am ET
Location: Online
Organizer: Global WASH Cluster's Climate Change Working Group and PRO-WASH & SCALE

Join the **Global WASH Cluster's Climate Change Working Group** and PRO-WASH & SCALE for the launch of the living Climate Change and WASH Toolbox for Humanitarian Practitioners on Thursday, September 19th.

Are you interested in learning about existing capacity strengthening resources and tools to help you better understand and address climate change within WASH, particularly related to adaptation, mitigation, and environmental mainstreaming? If so, join this webinar to hear from some of the organizations who have developed and used these freely available tools including technical guides, training guides, online courses, and learning briefs. Walk away with a toolbox of resources that can help you improve the quality of your program design and implementation.

REGISTER

Practical Integration of Climate Resilience into WASH Strategies and Plan

[Access the recording, slides, and country-specific case studies here](#)

Languages available: English and French

Audience: WASH professionals

Setting: development

Geography: Eritrea, Jordan, global

What's included: country-specific examples, insights from different organizations, slide deck

Objective: environmental mainstreaming

Authors: Sanitation and Water for All

What you'll get: examples across organizations and countries on how to integrate climate resilience in WASH activities

Key words: climate resilience



Services

NEAT+ Trainers &
Online Resources

Solar Technical Helpline

Environmental
Sustainability in
Humanitarian Logistics
Website and Helpdesk

Nexus Environment Assessment Tool (NEAT+) Trainers

[Information on NEAT+ here](#)

[Access the list of NRC trainers here](#) *

Link to Groupe URD online sessions (*coming soon*)

Languages available: Rural NEAT+ available in English, French, Spanish. Urban NEAT+ available in English. NRC trainers also train in Arabic, Spanish, German, Pashto, Dari, Urdu, Nepali

Audience: humanitarian professionals

Setting: humanitarian

Geography: global

What's included: Video tutorials; online courses by Groupe URD; NRC's trainer roster in 16 countries available to deliver in-person or online training (travel and training costs not included)

Objective: environmental mainstreaming

Organisers: UNEP/OCHA JEU**, Groupe URD, Norwegian Refugee Council (NRC)

What you'll get: online resources or trainer

Key words: environmental screening, risks



Photo: NEAT+ Training in Dadaab, Kenya, 2022, NRC

* Please inform julie.gassien@nrc.no when the training roster service has been used.

**UNEP/OCHA JEU is the NEAT+ custodian. Email ochaunep@un.org for more information.

Solar Technical Helpline

[More information here](#)

Contact the helpline at solarquery@iom.int

Languages available: English, French, Spanish, Portuguese

Audience: NGOs, governments, UN agency, donor, academia, private sector (open access)

Setting: humanitarian

Geography: global

What's included: free helpline available for all solar PV related issues that WASH professionals face (including pumping, lighting and general power supply).

Objective: climate change mitigation

Organisers: a dedicated team of UN, academia and private sector professionals

What you'll get: free, tailored, expert support

Key words: solar, environmental sustainability, helpdesk, resources



Environmental Sustainability in Humanitarian Logistics Website and Helpdesk

[Access the website here](#)

Contact the helpdesk at Global.WREC@wfp.org

Languages available: English

Audience: humanitarian professionals working in logistics

Setting: humanitarian

Geography: global

What's included: resource repository, helpdesk service

Objective: environmental mainstreaming

Organisers: Logistic Cluster's Environmental Sustainability Team, WREC Coalition

What you'll get: a “one stop shop” for a consolidation of environmental sustainability resources available in the sector, as well as support from a “Helpdesk”

Key words: environmental sustainability, helpdesk, resources

