

WASH PUBLICATION CATALOGUE 2023



For every child

Whoever she is.
Wherever he lives.
Every child deserves a childhood.
A future.
A fair chance.
That's why UNICEF is there.
For each and every child.
Working day in and day out.
In more than 190 countries and territories.
Reaching the hardest to reach.
The furthest from help.
The most excluded.
It's why we stay to the end.
And never give up.



for every child

Prepared by the WASH Knowledge Management Team
UNICEF

3 United Nations Plaza
New York, NY 10017, USA

Designed by

Anu Paudyal Gautam (apgautam@unicef.org) - WASH Specialist
Cecilie Kolstad (ckolstad@unicef.org) - WASH Consultant

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WHO WE ARE

UNICEF works in over 190 countries and territories to save children's lives, to defend their rights, and to help them fulfil their potential, from early childhood through adolescence. And we never give up.

WASH

Growing up in a clean and safe environment is every child's right. WASH program is designed to improve and implement, through the dissemination of knowledge, information management and investment in development, to ensure the equitable and sustainable use of safe drinking water, basic sanitation and the promotion of improved hygiene.

THE CATALOG

This catalog lists and summarizes the main purposes of the reports and publications carried out by UNICEF between January and December 2023.

STAY CONNECTED



Message

Continuing the tradition of past years, we are delighted to present the Fourth Edition of our UNICEF Annual WASH Publication Catalogue 2023. This catalogue serves as a compilation of essential knowledge products UNICEF developed or contributed to for the Water, Sanitation, and Hygiene (WASH) Sector.

This catalogue is a comprehensive overview of UNICEF's knowledge work throughout 2023. It highlights our commitment to capturing, documenting and sharing knowledge and evidence, recognizing them as pivotal in fostering learning, driving change, and shaping development policies and programs in support of children and the most vulnerable communities. We deeply appreciate your contributions and collaboration as we continue to strive together towards global thought leadership in the sector.

The 2023 edition of the catalogue is spread across two parts and features central publications, study reports and WASH publications involving themes such as systems strengthening, water security, menstrual health and hygiene. UNICEF have collaborated with several partners including UN agencies, Universities and NGOs and jointly published several of these reports and publications.

I would like to extend my sincere gratitude to our WASH colleagues and partners for their invaluable contributions to this catalogue. It represents our collective effort to document the important work and insights from UNICEF and partners work in regions and countries to advance the right to water and sanitation for children and communities.

We hope you enjoy exploring the content featured in both parts of the catalogue and welcome your feedback to further improve the coverage and quality of our knowledge products, we hope benefiting both current and future WASH practitioners.

Cecilia Scharp

Director
Water, Sanitation, Hygiene (WASH)
& Climate, Environment, Energy, and Disaster

Risk Reduction (CEED)

UNICEF NYHQ



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2023



Flagship and
Joint Reports



Cooperation Opportunities for Improved Integration Across SDG6

This report proposes a framework that can be used to improve cooperation between WRM and WASH, illustrated with examples and case studies. The framework is structured around five joint outcomes and 18 cooperation areas that offer tangible entry points to prompt cooperative action towards achieving the joint outcomes. The cooperation and alignment between WASH and WRM are necessary, need to be scaled up, and require commitment and strong leadership.

Author(s) - UNICEF, Water Governance Facility, SIWI, UNDP

Publication Date - 2023

Language(s) - ENG

Progress on household drinking water, sanitation and hygiene 2000-2022: Special focus on gender (WHO/UNICEF JMP)

This report presents updated national, regional and global estimates for WASH in households for the period 2000 to 2022, and has a special focus on gender and WASH. The importance of progress on drinking water, sanitation and hygiene for achieving SDG 5 which aims to 'realize gender equality and empower all women and girls' is widely recognized. Likewise, gender inequalities impede realization of the SDG 6 targets on WASH.

Author(s) - WHO/UNICEF JMP

Publication Date - 2023

Language(s) - ENG



Proposed Priority Indicators for Enhanced Monitoring of Gender in WASH under SDG targets 6.1 and 6.2: Draft for Public Review Before Final Recommendations

Version: 17 August 2023

Proposed Priority Indicators for Enhanced Monitoring of Gender in WASH under SDG targets 6.1 and 6.2: Draft for Public Review Before Final Recommendations

This document presents the current draft list of Priority Indicators for Enhanced Monitoring of Gender in WASH under SDG targets 6.1 and 6.2. The draft list is being shared to enable public review of and comment on the proposed indicators before expert group recommendations are finalized.

Author(s) - WHO/UNICEF JMP

Publication Date - 2023

Language(s) - ENG

Triple Threat

How disease, climate risks, and unsafe water, sanitation and hygiene create a deadly combination for children

unicef
for every child



Triple threat: How disease, climate risks, and unsafe water, sanitation and hygiene create a deadly combination for children

The triple burden examines the WASH-related threats facing children at the intersection of access to WASH services, the burden of WASH-related diseases and climate threats.

Through examining the burden of disease from unsafe WASH, we see where the problem is greatest. Through examining access to water and sanitation services, we see where investment is the lowest. Through examining climate threats, we see which countries face the greatest risk to both health and services for children.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG, FR,AR,SP

The Climate-Changed Child - A children's Climate Risk Index Supplement

This report builds on 2021's Children's Climate Risk Index and examines water scarcity and water vulnerability along with the critical actions the international community must take at COP28 to protect children against climate change.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG, FR,SP, AR



Global Annual Results Report 2022, Goal Area 4: Every child lives in a safe and clean environment

Over 30 million people were reached with WASH services in development contexts, mainly in fragile countries, and over 39 million were reached in humanitarian emergencies. Progress was made on strengthening WASH systems on several fronts, including sector financing, WASH systems sustainability and promoting the humanitarian-development-peace nexus.

This 2022 report for Goal Area 4 details the programming context, progress and challenges across these results areas.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG

Briefing paper

Critical Business Actions for Achieving a Water Secure World



Critical Business Actions for Achieving a Water Secure World

Our world is built on water. It is essential not only for life, but for everything that makes society what it is. And we are facing a water crisis, made worse by climate change, urbanization and increasing competition for water. Today, 1.42 billion people – including 450 million children – live in areas of high, or extremely high, water vulnerability. For businesses, people and the planet, water scarcity is now one of the greatest global challenges to economic and sustainable development, hindering the secure provision of food and energy. Scarcity is intimately linked to climate change, which has affected access to water gradually over time. But climate change can also have sudden and severe effects on water scarcity, to the point of disaster.

Author(s) - UNICEF
Publication Date - 2023
Language(s) - ENG

Investing in Children as we Build a Next and Better Normal: Water Security For All

The opportunity before us is to promote water security; in so doing, we are quite simply safeguarding life. This can only be achieved if people have access to water that is safe and affordable, from renewable sources, and resilient to threats related to water scarcity, extreme weather events and climate shocks. To respond to this opportunity, we ask you to join us in reimagining water, sanitation and hygiene.

Author(s) - UNICEF
Publication Date - 2023
Language(s) - ENG



Water Security for All: Proposal for Action

An investment opportunity for the private and public sectors



Water Security for All: Proposal for Action, Short version

For partners and donors who are passionate about water – or interested in supporting across the four packages of investment – UNICEF’s WASH Thematic Fund is an ideal option. This flexible funding approach allows UNICEF to strengthen systems, as we don’t just help one child; we make large scale changes for every child.

Partners can also invest in specific programmes through any of the four investment packages. The needs across these four packages are massive and urgent. But the proposals can be adjusted based on partners’ interests and expectations, with customized results frameworks and budgets depending on the countries selected.

Author(s) - UNICEF
Publication Date - 2023
Language(s) - ENG



Water Security for All: Proposal for Action

For partners and donors who are passionate about water – or interested in supporting across the four packages of investment – UNICEF’s Water, Sanitation & Hygiene Thematic Funds is an ideal option.

The WASH Thematic Funds can be invested in at global or across any of the 65 target countries. This approach allows UNICEF to strengthen systems at scale and direct your funding to water, sanitation, and hygiene results. We know that when we strengthen WASH systems, we don’t just help one child; we make large scale changes for every child at the same time.

Author(s) - UNICEF
 Publication Date - 2023
 Language(s) - ENG

Water, sanitation, hygiene, waste and electricity services in health care facilities: progress on the fundamentals

This report focuses on global and national efforts and progress to improve WASH, cleaning and health care waste management in health care facilities. It builds upon the first update of progress published in 2020. In addition, in response to demands from countries and health actors on providing a consolidated package of information and interventions on climate-resilient and sustainable infrastructure services in health care facilities, data on electricity and examples of electrification are included.

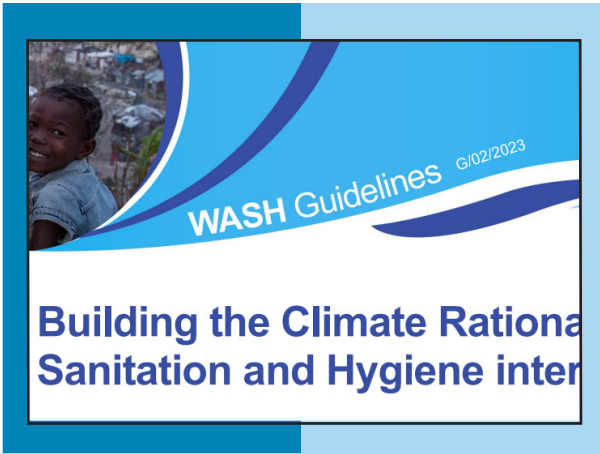
Author(s) - WHO & UNICEF
 Publication Date - 2023
 Language(s) - ENG



Sanitation and Hygiene for All: “Make a Splash!”

In 2018, UNICEF and LIXIL embarked on a first-of-its-kind partnership called ‘Make a Splash!’. The MaSI partnership was built upon the comparative strengths of each entity to overcome barriers to sanitation to accelerate the achievement of SDG 6.2 by providing 2.9 million people across Ethiopia, Kenya and Tanzania with sanitation and hygiene services. Building on the success of the partnership, we expanded our scope to reach children and families in 6 countries to include India, Indonesia and Nigeria, enabling access to sanitation and hygiene for 5.6 million people in 2022.

Author(s) - UNICEF & Lixil
 Publication Date - 2023
 Language(s) - ENG



Building the Climate Rationale for Water Sanitation and Hygiene interventions

This guideline outlines what the working definition of climate rationale is and provides guidance for the WASH sector in its development at country level, identifying some key elements that enhance the climate rationale and linking it to the achievement of a range of country-level outputs.

These elements include but are not limited to i) Climate impacts to be addressed, including vulnerabilities and risks of the climate impacts to children and women; ii) Emission trajectories for mitigation actions; iii) Assessment of adaptation options based on priorities; and iv) How the proposed intervention fits into broader domestic and international policies and decision-making processes.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG

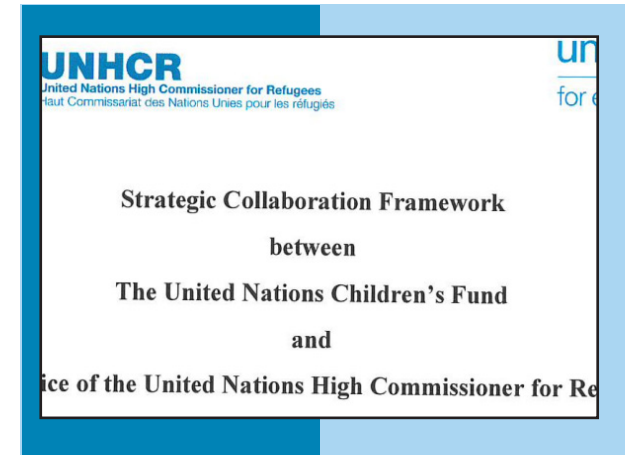
WASH Capacity Building Plan 2022-2025

Building capacity and skills of its professional workforce as well as national partners within the sector building blocks is an ongoing priority for UNICEF. This Capacity Building Plan outlines the vision, approach and means of how UNICEF enhances the knowledge, capacity and skills of its staff to empower WASH sector stakeholders and partners in delivering WASH results for Children.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG



Strategic Collaboration Framework between UNICEF and UNHCR

As the leading UN organizations working for refugees and for children, UNHCR, the UN refugee agency, and UNICEF have established a Strategic Collaboration Framework to promote the inclusion of refugees in the national systems of host countries and to bring about transformational change for refugee children and their families.

The Framework is a global agreement that outlines the strategic collaboration between the two organizations and includes goals in areas such as child protection, education, social protection, water and sanitation, data, and ending childhood statelessness.

Author(s) - UNICEF & UNHCR

Publication Date - 2023

Language(s) - ENG

Progress on Sanitation and Hygiene in Africa

2000-2022



Progress on Sanitation and Hygiene in Africa, 2000-2022

This snapshot presents findings from the WHO/ UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP) and the UN-Water Global Analysis and Assessment of Sanitation and Drinking-Water (GLAAS), implemented by WHO.

Author(s) - UNICEF, JMP, WHO, GLAAS

Publication Date - 2023

Language(s) - ENG

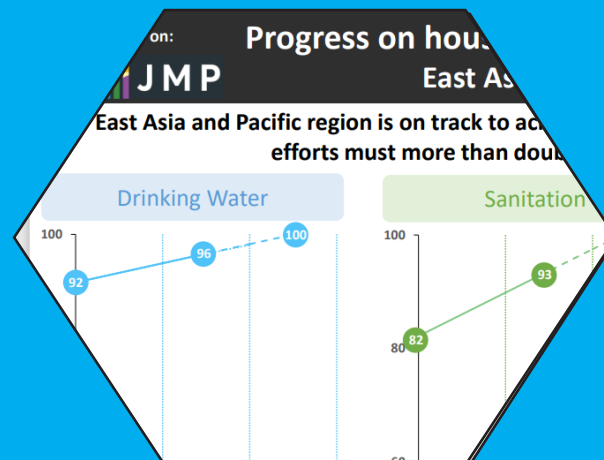
Progress on household drinking water, sanitation and hygiene East Asia and Pacific Region (2023 Update)

By 2030, at the current rate of progress, the East Asia and Pacific region will achieve near universal access to at least basic drinking water and sanitation services. At current trends, 76 per cent of the population is estimated to have access to safely managed sanitation services in 2030. Efforts must increase by 2.5-fold to achieve the Sustainable Development Goal 6 target of safely managed sanitation. There is no regional estimate for safely managed drinking water services.

Author(s) - JMP WHO / UNICEF

Publication Date - 2023

Language(s) ENG



EAST ASIA AND THE PACIFIC

WATER, SANITATION AND HYGIENE, CLIMATE AND ENVIRONMENT ANNUAL RESULTS REPORT 2022



East Asia and The Pacific: Water, Sanitation and Hygiene, Climate and Environment Annual Results Report 2022

UNICEF is actively working to integrate climate resilience into their water, sanitation and hygiene (WASH) programs. In 2022, UNICEF's efforts led to improved access to safe drinking water for over 487,000 people, and basic sanitation services -with climate resilience focus- for over 287,000 people. In addition, UNICEF created platforms for youth action and advocacy, encouraging governments to prioritize children's rights to a safe and healthy environment.

This report provides a summary of the progress, major WASH, climate and environment results achieved, as well as lessons learned in the East Asia and Pacific Region in 2022.

Author(s) - UNICEF EAPRO

Publication Date - 2023

Language(s) - ENG

MENSTRUAL HEALTH

IN EAST ASIA AND THE PACIFIC



Regional Progress Review, Menstrual Health in Asia and The Pacific Mapping

Menstrual health and hygiene is essential to gender equality and the well-being of women and girls. Yet across the East Asia and Pacific region, many women and girls struggle to receive sufficient information and services to support menstrual health.

This regional review report provides an overview of progress towards supporting the breadth of menstrual health needs in the East Asia and Pacific Region from 2016-2022. The report, carried out by the Burnet Institute, WaterAid, and UNICEF, shares lessons learned and highlights opportunities for improving support to menstrual health needs.

Author(s) - UNICEF EAPRO, Burnet Institute, Water Aid

Publication Date - 2023

Language(s) - ENG

Financing Water, Sanitation & Hygiene in the Pacific

This report is a call to action. It outlines the current state of WASH financing in the region and highlights the need for increased investment in the sector. We must bridge the funding gaps and invest in the WASH sector if we want to make significant progress towards achieving the SDGs. The report provides critical insights into the amount and composition of WASH funding, returns on investment, and funding sources in the PICTs

Author(s) - UNICEF Pacific & University of Technology Sydney

Publication Date - 2023



FINANCING WATER, SANITATION & HYGIENE IN THE PACIFIC

OVER THE TIPPING POINT

How multiple, overlapping climate and environmental shocks and stresses are eroding the coping capacity of children in the East Asia and Pacific region, exacerbating inequality, and forever changing their futures



Over the Tipping Point

The East Asia and Pacific (EAP) region is one of the most impacted to multiple types of overlapping climate and environmental shocks and stresses, 41% of children in the region face 5 or more shocks, compared to global average of 14%.

Climate shocks are increasing in frequency, and interacting with non-climate shocks like the COVID pandemic, the cost-of-living crisis, among others, creating multiplier effects and cascading impacts in the region, leading to a 'polycrisis' – a situation with multiple near-simultaneous shocks with strong interdependencies.

This report unveils the intensifying frequency and compounding effects of climate-related hazards intertwined with non-climate shocks like the COVID-19 pandemic and socio-economic challenges.

Author(s) - UNICEF EAPRO

Publication Date - 2023

Language(s) - ENG



Water Scarcity and Climate Change Enabling Environment Analysis for WASH: Middle East and North Africa

Water Scarcity and Climate Change Enabling Environment Analysis for WASH: Middle East and North Africa

The overall level of water stress of a country does not provide a full picture of the risk and impact on the country and its people, including children. Moreover, the level of water stress does not provide information about a country's readiness to manage the impact of water stress. Assessing the "readiness" of a country's enabling environment to tackle water scarcity and related compounding climate change risks is the main aim of this report.

An in-depth analysis of the enabling environment within the water and climate sectors was undertaken in 14 MENA countries.

Author(s) - UNICEF MENA & SIWI

Publication Date - 2023

Language(s) - ENG

Groundwater Resilience in South Asia: Towards a regional strategy to address water scarcity

This report has been developed to support UNICEF Country Offices to identify and streamline policies and practices for resilient WASH programming, extending to water management in the long run.

The report advocates an overall focus on groundwater that includes governance, as required to address the drivers for water scarcity. These include the expansion of irrigated agriculture as well as insufficient management policies and practices.

Author(s) - UNICEF South Asia

Publication Date - 2023

Language(s) - ENG



Hand Hygiene Market Assessment, A practical guidance for UNICEF Country Offices in South Asia

This document aims to be a guide, and a starting point for hand hygiene market assessments for ROSA Country Offices.

The information here is based on previous UNICEF market assessments, market mapping toolkits, technical briefs, and field note learnings listed in the footnotes and the reference section.

Author(s) - UNICEF South Asia

Publication Date - 2023

Language(s) - ENG

National Standards for WASH in Health Care Facilities

in the State of Palestine

and hygiene (WASH) system in health care facilities is considered one of the key requirements in obtaining high-quality health services to ensure the

National Standards for WASH in Health Care Facilities, State of Palestine

Health care facilities are among the places where infectious disease agents are most prevalent, affecting not only patients, health workers and caregivers but also the entire community through the spread of disease if environmental health is inadequate. Therefore, the development of water, sanitation and hygiene services is an essential pillar for effectively providing safe and high-quality health care services in health care facilities at all levels.

The objective of the WASH in HCF Standards is to serve as a general reference and a practical tool for the Ministry of Health by providing basic standards and guidelines for water, sanitation, hygiene, and waste management in different levels of Health Care Facilities

Author(s) - UNICEF Palestine

Publication Date - 2023

Language(s) - ENG, AR

Climate Action for Children in Mozambique, Strategic Framework 2022-2026

The purpose of this document is to orient UNICEF staff, partners, and other stakeholders on the existing environment and climate change-related initiatives to support efforts addressing the climate emergency. The document is divided into two main sections: The first section provides a synopsis of climate change in Mozambique and existing platforms that address climate change; and the second highlights UNICEF's climate action at the global, regional, and Mozambique Country Office levels.

Author(s) - UNICEF Mozambique

Publication Date - 2023

Language(s) - ENG



Climate rationale for water.

Climate rationale for WASH services in Cambodia

This document provides evidence for embedding climate-related risks and vulnerabilities to water, sanitation and hygiene (WASH) services in policymaking and programming in Cambodia. Based on the best available data, and through a multi-stakeholder consultation with WASH and climate experts (government, development partners, NGOs, academic institutions, and young professionals), it presents the climate rationale for a WASH sector response.

The observed and projected impacts of climate change on the delivery of WASH services are first articulated with a solid analysis, and then linked to a set of technical and non-technical climate adaptation and mitigation solutions that the sector should prioritize. The document intends to assist policymakers, donors and practitioners in the WASH and related sectors to achieve climate-resilient WASH services.

Author(s) - UNICEF Cambodia & SIWI

Publication Date - 2023

Language(s) - ENG

Climate Finance for Sustainable Development in the Kingdom of Eswatini

for every child



Unlocking Climate Finance for Sustainable Development in the Kingdom of Eswatini

The “Unlocking Climate Finance for Sustainable Development in the Kingdom of Eswatini” report delivers a rigorous analysis of the government’s fiscal commitment to climate change mitigation and adaptation strategies.

Conducted through a meticulous review of key budget documents spanning fiscal years 2018/19 to 2021/22, this paper evaluates the scale, structure, and efficacy of public expenditure dedicated to combating climate change. Special emphasis is placed on assessing the dimensions of spending efficiency, effectiveness, equity, and adequacy.

Author(s) - UNICEF Eswatini


Publication Date - 2023

Language(s) - ENG

2023



Tools & Guidelines



WASH Bottleneck Analysis Tool: Country Implementation Guide

WASH Bottleneck Analysis Tool: Country Implementation Guide

The new WASHBAT Country Implementation Guide incorporates more than 10 years of implementation of this tool in several countries. This new version has a new module to support the implementation of Risk Informed WASHBATs that are a key step in understand

Author(s) - UNICEF & SIWI

Publication Date - 2023

Language(s) - ENG,FR,SP,AR, PT

WASH Safety and Accessibility Toolkit

This safety and accessibility rapid audit tool is based on visual observation as a means to collect basic information and assess gender-based violence (GBV) risks and accessibility related issues on the route to, while entering and using WASH facilities. It is a structured method for collecting data and information that will support the WASH sector in 1) Assessing GBV risks related to the design, layout, placement of WASH facilities; and 2) Checking if WASH infrastructures are accessible to persons with disabilities in line with the WASH commitments to ensure at least 15% of WASH facilities are accessible. The results of observations can then be compared against standards outlined in the following key resources to prevent and mitigate GBV risks and address barriers that hinder persons with disabilities from accessing WASH programmes and services.

Author(s) - WASH Cluster

Publication Date - 2023

Language(s) -



INTERVENCIÓN BASADA EN EL MERCADO DE WASH

Guía técnica para profesionales
humanitarios

Segunda edición - Septiembre de 2021

Coordinador: Johannes Röck (Red Alemana de WASH)

Autores: Johi Alamy y James Brown (Oxfam)

Edición y diseño: Rosa López Lila



Market-Based Programming in WASH, Technical Guidance for Humanitarian Practitioners ([Spanish](#) & [Arabic](#) version)

The purpose of this document is to provide practical guidance on market-based programming (MBP) in humanitarian WASH responses.

This document introduces concrete steps that can be followed and implemented in line with the key phases of the humanitarian programme management cycle:

1. Assessment
2. Response analysis
3. Programme design and implementation
4. Monitoring
5. Preparedness.

Author(s) - WASH Cluster

Publication Date - 2023

Language(s) - SP, AR



Knowledge Management in WASH: An Implementation Guide

This document is a practical guide to implementing the UNICEF [Global WASH Knowledge Management \(KM\) Strategy 2022 – 2025](#). It provides clarity in the direction of WASH KM for the strategic period of 2022 - 2025, focusing on activities that support continuous learning and adaptation and improve existing practices as WASH moves forward towards the attainment of Sustainable Development Goals.

This includes “how-to” guidance material, links to relevant references, newly developed resources shared by the Global KM Team, as well as useful KM resources available in the sector and beyond. T

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG

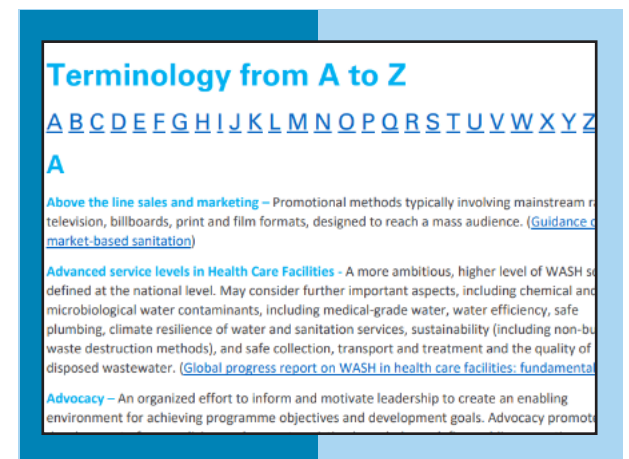
Knowledge Management Toolkit - Methods and Tools for knowledge sharing and exchange

This document highlights actions recommended as part of the process of developing the 2022-25 UNICEF WASH KM Strategy, organized per KM pillar and enabler and the tools to implement the actions. These need to be continuously prioritized based on the most urgent sector needs, and specifically the needs for improving the impact of UNICEF’s own WASH programming. Many of these activities are already being addressed at different levels, have processes, tools or checklists in place, some need

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG



Water, Sanitation and Hygiene Terminology Guide

WASH terminology guide.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG

WASH Training Catalogue



WASH Training Catalogue - Second Edition

This training catalogue is the second edition that helps to enhance and expand our knowledge base in a rapidly changing global context. The catalogue covers all the major WASH topics, and courses range from the basics and fundamentals, to advanced courses with in-depth subject detail. As change starts with the increased knowledge and capacity of our core professional staff, we look forward to seeing increased uptake of these training courses offered by UNICEF and partners and making WASH an exciting and rewarding career path.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG

UNICEF WASH Annual Publication Catalogue

The 2022 edition of the catalogue is divided in two parts and features 144 reports and studies including flagship publications related to WASH and COVID-19, as well as 265 publications from learning and knowledge sharing events. We truly hope you enjoy reading and accessing the products from this version of the catalogue. We are happy to receive your feedback for continuously improving the coverage and quality of our knowledge products.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG



2023



Evaluation Reports & Policy Briefs



EU-UNICEF Funded Klinpela Komuniti Projek 2017-2022 Papua New Guinea Evaluation Report

The purpose of this evaluation is to provide sound and credible evidence on the KKP with the aims to trigger UNICEF PNG Country Office and National Partners' learning, enhance accountability with respect to UNICEF's work on improving WASH for children and their families and to inform decision-making on national policies and budgets for WASH and for programme design for scale-up.

The key intended users of the evaluation are the WASH Section within UNICEF PNG and the EU donor.

Author(s) - UNICEF Papua New Guinea COs & Mark Ellery

Publication Date - 2023

Language(s) - ENG

Analysis of the Assistance of Modalities to Enhance Access of Households to WASH Facilities In the State of Palestine

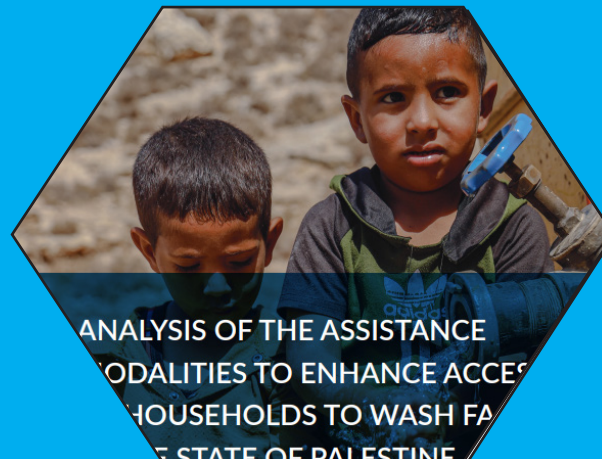
This study, funded and commissioned by UNICEF and implemented by Action Against Hunger, provides an overview of the delivery modalities that were used to support the improvement of WASH facilities at the household level in the State of Palestine.

It explores the potential benefits of each of these modalities, assessing their effectiveness and efficiency. The study examined four modalities, namely Cash, Vouchers, Contractor-led, and In-kind used to support WASH interventions in both geographical areas of the SoP; the Gaza Strip and the West Bank.

Author(s) - UNICEF, AAH & WASH Cluster Palestine

Publication Date - 2023

Language(s) - ENG



Evaluation of the Sanitation Technology Demonstration in Emergency Settings in Lebanon Programme (STDP)

This evaluation of the STDP was commissioned by UNICEF in Lebanon (LCO) in its last phase of implementation as part of the agreement between UNICEF and its donor, the Bill & Melinda Gates Foundation (BMGF).

The evaluation serves to enhance accountability and learning, and to provide a clear evolutionary assessment which would help in better defining the potential for developing and implementing DEWATS solutions in Lebanon involving small and medium sized enterprises (SME's) support.

Author(s) - UNICEF & Difaf SAL

Publication Date - 2023

Language(s) - ENG



The SafePani model: Delivering safe drinking water in schools and healthcare centres in Bangladesh

The SafePani model - Delivering safe drinking water in schools and healthcare centers in Bangladesh

To address the expanded focus of SDG 6.1 for schools and healthcare centres, REACH has been working with UNICEF and the Local Government Division (LGD) of the Government of Bangladesh to design and pilot a revised institutional model for rural water service delivery. The SafePani model aims to reform existing institutional design and move towards a professional water service delivery model, with timely and independently verified performance metrics unlocking results-based funding.

Author(s) - UNICEF, SafePani, Hysawa, REACH, among others.

Publication Date - 2023

Language(s) - ENG

Climate-Resilient/Adaptive Rural Water Supply and Integrated Water Resource Management: A shift in strategy towards hazard-proofing and continuity of services in Maharashtra

There was a need to build on existing knowledge to fill knowledge gaps in order to meet the challenge of ensuring sustainable rural water supply that is resilient to all types of climate-induced natural hazards, while keeping in view the problems of groundwater depletion and deterioration of water quality.

Author(s) - UNICEF & IRAP

Publication Date - 2023

Language(s) - ENG



Tax Reforms on Menstrual Health and Hygiene Products in Pakistan

This policy brief discusses 'Period' Poverty' in Pakistan, the relevance and impact of taxation on period poverty and policy recommendations for tax reforms to make Menstrual Health and Hygiene products more affordable.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG



Policy Dialogue on Menstrual Hygiene Management (MHM) Tax Reforms

The Policy Dialogue on Menstrual Hygiene Management (MHM) Tax Reforms, held in Quetta on August 7, 2023, marked a significant milestone in the ongoing efforts to advance menstrual hygiene management and promote gender equality in Pakistan.

Menstrual hygiene management has emerged as a critical aspect of women's health and well-being, yet it often faces challenges stemming from social taboos, lack of access, and financial barriers, including taxes on menstrual products.

Author(s) - UNICEF, Qatar Charity & MHM Working Group Balochistan

Publication Date - 2023

Language(s) - ENG

Mid-Term Evaluation of the Accelerating Sanitation and Water for All (ASWA II)

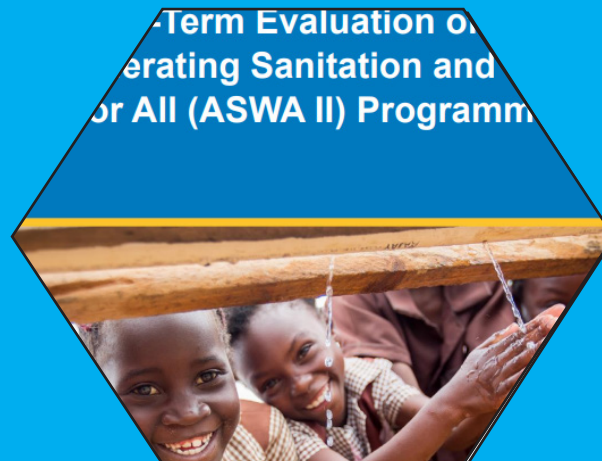
This is final report of the Mid-term Evaluation (MtE) of the "Accelerating Sanitation and Water for All – II" Programme (hereinafter called ASWA II or/and the Programme). The Programme (or the object of evaluation) is being implemented by the Government of Tanzania (GoT – represented by the Ministry of Health - MoH) and supported by United Nations Children's Fund Tanzania Country Office (UTCO).

This is a formative evaluation, with a demonstrated emphasize on documenting the lessons learned. The primary purpose is to provide insights that can guide the remaining implementation of the Programme (ends by December 2023)

Author(s) - UNICEF Tanzania & AAN Associates

Publication Date - 2023

Language(s) - ENG



Source : UNICEF/Plan-Eval/Rémi Stoquart
UNICEF Comores
 Évaluation menée de manière indépendante par Plan Eval pour l'UNICEF Comores

Évaluation rétrospective du programme pilote «Marketing des Toilettes aux Comores» (2020-2022)

La présente évaluation est une évaluation indépendante commanditée par l'UNICEF Comores auprès du bureau d'études Plan Eval. L'évaluation du projet pilote de Marketing des Toilettes, mis en œuvre de 2020 à 2022 visait à répondre à un important manque d'infrastructure d'assainissement dans le pays en facilitant et encourageant l'accès aux toilettes améliorées

Author(s) - UNICEF Comores & Plan-eval

Publication Date - 2023

Language(s) - FR



Maximizing the Value of Public Budgets for Universal Access to Safely Managed WASH

This budget brief assesses the extent to which the 2021/22 National Budget of the Kingdom of Eswatini responds to the needs of the Water, Sanitation and Hygiene (WASH) sector. Specifically, it analyses the size and composition of public spending on WASH and addresses its efficiency, effectiveness, equity, and adequacy to inform future budget improvement decisions. The brief is based on an in-depth review of key budget documents and expenditure reports from stakeholders related to WASH.

Author(s) - UNICEF Eswatini

Publication Date - 2023

Language(s) - ENG

Eswatini Investment Case for Sustainable Energy in Health and Education Facilities

This report is based on analysis of key data collected between November and December 2022 for health facilities, and March 2023 for education facilities, by UNICEF in Eswatini. This included a rapid solar assessment summarizing the status of energy in health and schools to provide a deeper analysis of the renewable energy potential in Eswatini and the financial investment needed to electrify demand for both health and education facilities.

Author(s) - UNICEF Eswatini & INENSUS

Publication Date - 2023

Language(s) - ENG



Water Sanitation and Hygiene Sector-Wide Sustainability Checks

The 2022 Sector Wide Sustainability Check (SWSC) in Nigeria is the first of its kind. It was developed by the Federal Ministry of Water Resource (FMWR) and the National Bureau of Statistics (NBS) with technical support from UNICEF and partners.

The SWSC aims to identify and analyse the factors influencing the sustainability of WASH facilities and services in Nigeria, and to recommend key strategies for improvement.

The SWSC measured 47 indicators covering the principal areas of functionality, accessibility, quality and design, financial sustainability, and regulation. These indicators were measured from the lens of the users, the service providers, service authority and sector governance in the country.

Author(s) - UNICEF Nigeria

Publication Date - 2023

Language(s) - ENG

Summative Evaluation of the Urban Sanitation Project (USP) in GHANA (2015-2022)



Summative Evaluation of the Urban Sanitation Project (USP) in GHANA (2015-2022)

The present document is the report for the summative evaluation of the Urban Sanitation Project (USP) implemented by UNICEF in Ghana under the Government of Ghana (GoG)-UNICEF WASH Programme between 2015 and 2022 with US\$ 9.8 million funding from the Embassy of the Kingdom of Netherlands (EKN).

Author(s) - UNICEF Ghana & ECOPSIS-BEEK

Publication Date - 2023

Language(s) - ENG

2023



Study Reports

SUPPLY, SANITATION AND HYGIENE KEY MESSAGE TO COP28 DELEGATIONS¹

is structured among the three key tracks of climate negotiations at COP28 (1) Resilience; 2) Mitigation; 3) Climate Financing. It provides key insights on water and hygiene across those three tracks for the benefit of COP28 country delegations. The intended audience is water, sanitation and hygiene partners that are part of COP28 and/or willing to brief climate counterparts and negotiators involved in COP28 discussions and negotiations.

WASH key messages and briefing to COP28 delegations

UNICEF, SWA and partners have developed a briefing note for WASH partners that are part of COP28 preparations and/or willing to brief climate counterparts and negotiators involved in COP28 discussions and negotiations. The document is structured among the three key tracks of climate negotiations at COP28:

1. Adaptation-Resilience;
2. Mitigation;
3. Climate Financing.

Author(s) - UNICEF, SWA & partners

Publication Date - 2023

Language(s) - ENG

Water, Sanitation, and Hygiene services within the Framework of the Global Goal on Adaptation

This paper is a concerted effort by international partners working towards universal access to safe drinking water, sanitation and hygiene services under the umbrella of the Sanitation and Water for All Partnership (SWA) and aims at providing an input to the Glasgow–Sharm el-Sheikh (GlaSS) work programme on how climate-resilient water, sanitation and hygiene services can be integrated in the ‘water’ theme within the Global Goal on Adaptation (GGA) Framework.

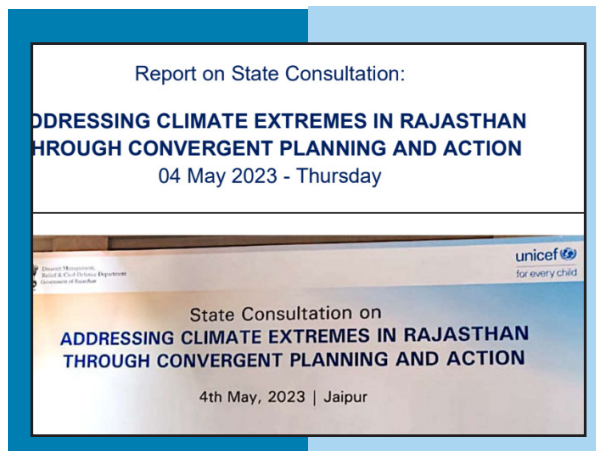
Author(s) - SWA, UNICEF & Partners

Publication Date - 2023

Language(s) - ENG

Water, Sanitation, and Hygiene services within the the Global Goal on Adaptation

effort by international partners working towards universal access to safe drinking water, sanitation and hygiene services under the umbrella of the Sanitation and Water for All Partnership (SWA) and aims at providing an input to the Glasgow–Sharm el-Sheikh (GlaSS) work programme on how climate-resilient water, sanitation and hygiene services can be integrated in the ‘water’ theme within the Global Goal on Adaptation (GGA) Framework.



Addressing Climate Extremes in Rajasthan through Convergent Planning and Action

In the attempt to strengthen decision making and joint planning for climate extremes, the State Consultation led by Disaster Management, Relief and Civil Defence Department (DMRCDD) in partnership with UNICEF was organised on 4th May 2023 – Thursday for ‘Addressing Climate Extremes in Rajasthan through Convergent Planning and Action’ on the following three themes:

1. Operationalising climate action plan
2. Heatwave preparedness, prevention, and action plan
3. Water security in climate extremes

Author(s) - UNICEF & Rajasthan Disaster Management, Relief and Civil Defence Department

Publication Date - 2023

Language(s) - ENG



People with Disability Working in the Indonesian WASH Sector: Obvious by Their Absence - A Long Way to go. Findings from a national assessment

This assessment on the situation of people with disabilities working in the WASH sector in Indonesia, aimed to understand the roles people with disabilities are currently undertaking in the sector and any barriers they face and to make recommendations for how to improve the situation going forward

Author(s) - UNICEF Indonesia

Publication Date - 2023

Language(s) - ENG

The WASHREG Approach: Action Sheets

The WASHREG approach is a multi-stakeholder diagnosis used to identify national regulation gaps and challenges in water and sanitation services provision. The methodology facilitates the development of a set of actions and practical solutions for initiating a process of developing, strengthening, or aligning regulatory roles and responsibilities.

These Action Sheets, organized around different areas of regulation, offer a rich practical guidance with multiple examples to describe how regulation can be put into practice. With over 50 Action sheets included here, including almost 100 examples from all regions of the world, the Action Sheets will continue to evolve and capture emerging experience about the regulation of water and sanitation services.

Author(s) - SIWI, UNICEF, WHO, IADB

Publication Date - 2023

Language(s) - ENG, SP



The WASHREG Approach: Good Practices in Rural Areas

The WASHREG approach is a multi-stakeholder diagnosis used to identify national regulation gaps and challenges in water and sanitation services provision. This publication presents examples of good regulatory practices in the Latin America and Caribbean region.

Author(s) - UNICEF, SIWI, Sida, Cap-Net

Publication Date - 2023

Language(s) - ENG



WASHREG Approach – Gap Analysis of WASH Laws, Policies and Strategic Plans & Adaption in Pakistan

In collaboration with UNICEF, a study was conducted to assess gaps in WASH-related laws and policies, employing UNICEF's WASHREG Methodology Approach. The study encompasses three distinct stages: a desk-based review, discussions with key stakeholders at federal and provincial levels, and a comprehensive workshop involving a wider array of stakeholders. The objective was to identify strategic priorities and recommend actions for federal and provincial governments across Pakistan.

Author(s) - UNICEF & MOMENTUM, among others

Publication Date - 2023

Language(s) - ENG

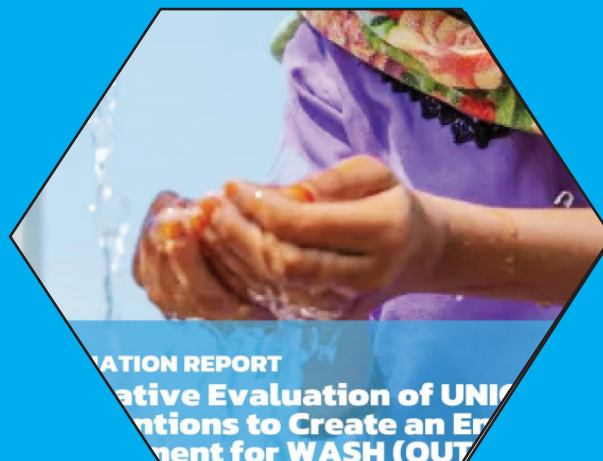
Summative Evaluation of UNICEF Interventions to Create an Enabling Environment for WASH (Output-1) in Pakistan (2018-2022)

The evaluation purpose was to independently assess achieved outcomes and influences, emphasizing accountability, and learning for the WASH EE related components and outcomes, guiding strategies for CPD 2023-2027. The evaluation aimed to assess the performance of UNICEF's WASH EE initiative using Organisation for Economic Cooperation and Development (OECD) Development Assistance Committee (DAC) criteria, focusing on relevance, coherence, effectiveness, efficiency, impact, and sustainability.

Author(s) - UNICEF & APEX Consulting

Publication Date - 2023

Language(s) - ENG



Demonstration of system strengthening approaches in implementing WASH flagships programmes in Rajasthan, India

This document is an effort to capture the various state-wide key interventions including capacity building, strengthening administrative and implementation processes by Government for achieving desired objectives of these flagship missions with technical support of UNICEF.

Author(s) - UNICEF State Office for Rajasthan, India Country Office

Publication Date - 2023



**Women in WASH:
Opportunities and challenges for
women's participation and leadership**

Women in WASH: Opportunities and challenges for women's participation and leadership in the Indonesian WASH sector

The assessment on the situation of women working in the water, sanitation and hygiene (WASH) sector in Indonesia, aimed to understand the roles women are currently undertaking, any barriers they face and opportunities to promote women's participation and leadership and contributions to the sector.

Author(s) - UNICEF Indonesia

Publication Date - 2023

Language(s) - ENG

Global Handwashing Day Celebration, at PCRWR, Islamabad

Building on the momentum from previous years, Global Handwashing Day 2023 demonstrates the impact of coordinated action among governments, the private sector, and community champions to accelerate hand hygiene progress. On October 17, 2023, a remarkable event was organized at the Pakistan Council of Research in Water Resources (PCRWR) in Islamabad to celebrate Global Handwashing Day

Author(s) - UNICEF Pakistan, PCRWR among others.

Publication Date - 2023

Language(s) - ENG



Assessing the Landscape for Menstrual Products Standards in West and Central Africa

This assessment was designed to better understand the regulation (or lack thereof) of menstrual products across WCA (West and Central Africa) and to formulate recommendations for the widespread development, adoption, and compliance with quality standards for menstrual products that promote the health and wellbeing of consumers in the region.

Author(s) - UNFPA, FONDS FRANÇAIS MUSKOKA, UNICEF WCAR

Publication Date - 2023



Periodos en Movimiento, Menstruar en la frontera Sur de Mexico

En este documento sintetizamos los datos obtenidos con el proyecto Periodos en Movimiento sobre las necesidades y desafíos específicos relacionados con la gestión menstrual de la población en situación de movilidad en Chiapas, así como las experiencias de las niñas, adolescentes, mujeres y personas menstruantes que fueron las sujetas de estudio. Desde el mes de agosto, CADENA en alianza con UNICEF trabajan en 18 espacios en los municipios de Tapachula, Tuxtla Gutiérrez, Berriozábal y Arriaga, siendo los siguientes, en 11 espacios de alojamiento temporal, 4 espacios de atención y trámites y 3 escuelas con niños, niñas y personas en movilidad.

Author(s) - UNICEF Mexico / CADENA

Publication Date - 2023

Language(s) - SP

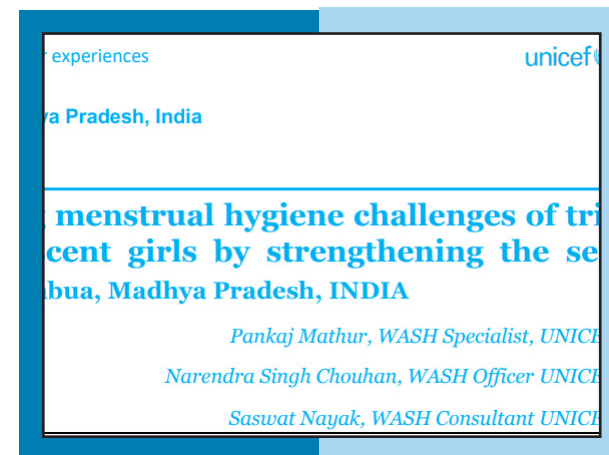
Menstrual Hygiene Day Compendium 2023, LAC

This document seeks to capture the different initiatives and efforts that UNICEF, at country and regional level in Latin America and the Caribbean, carried out on menstrual hygiene day. #WeAreCommitted Among the products you can find: Publications on social networks, campaigns, webinars, and reports in 2023.

Author(s) - UNICEF LAC

Publication Date - 2023

Language(s) - ENG, SP



Addressing menstrual hygiene challenges of tribal women and adolescent girls by strengthening the service value chain, India

Read the case study of a government initiative with technical assistance from UNICEF, Mission Mahima, a programme to strengthen the menstrual hygiene management service value chain with a target to benefit 650,000 tribal women and adolescent girls.

Author(s) - UNICEF India

Publication Date - 2023

Language(s) - ENG

MENSTRUAL HEALTH
EAST ASIA AND THE PACIFIC
REGIONAL PROGRESS REVIEW

Menstrual health in East Asia and The Pacific: Regional Progress Review: Country Profiles

The objectives of this document are:

1. Document the state of policy and programming to support menstrual health. Collate lessons learned and stakeholders' insights on barriers and enablers to effective action.
2. Review the evidence for menstrual health interventions across the region. Document lessons learned and the barriers as well as the enablers of high-quality monitoring and evaluation.

Country Profiles: Cambodia, Fiji, FSM, Indonesia, Kiribati, Lao PDR, Mongolia, Myanmar, PNG, Philippines, Solomon Island, Timor-Leste, Vanuatu, Vietnam.

Author(s) - UNICEF EAPRO, Burnet Institute & WaterAid

Publication Date - 2023

Language(s) - ENG

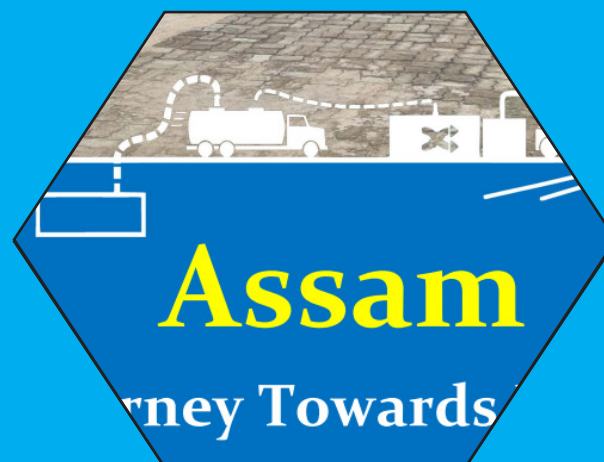
Journey towards faecal sludge and septage management in Assam, India

The Swachh Bharat (Clean India) Mission helped households to construct individual toilets and access at least basic sanitation during 2014-2019. The increase in toilet usage led to an urgent need for faecal sludge and Septage management (FSSM). Until September 2022, Assam did not have any faecal sludge treatment plant (FSTP) or Sewerage treatment plant (STP) to treat or scientifically dispose of faecal sludge. To address the issue UNICEF in July 2021 introduced FSSM and the Government of Assam in collaboration with UNICEF piloted FSSM models in the Nagaon and Goalpara Districts

Author(s) - UNICEF India, Bill & Melinda Gates Foundation & Government of Assam

Publication Date - 2023

Language(s) - ENG



Case study: Waras District of Bamyan Province achieved Open Defecation Free (ODF) status

Waras is a mountainous district in the southern part of Bamyan province of Afghanistan. Its population is around 127,000 people (Waras District, 2022)¹. Based on population, Waras is the third largest district in Bamyan after Center and Yakawlang. There are 757 villages, 11 bazaars, 101 schools, and 31 health centers in the district.

This case study focuses on the successful implementation of CLTS in Waras, the challenges the CLTS teams faced, and the lessons learned during the process.

Author(s) - UNICEF Afghanistan

Publication Date - 2023

Language(s) - ENG

SELF-HELP GROUP (SHGs) FOR IMPLEMENTING FAECAL SLUDGE AND SEPTAGE MANAGEMENT (FSSM) IN PITHAMPURA, MADHYA PRADESH, INDIA

"na Itna Aasan Nahi hai" (It's not easy to make a clean environment) - Rashmi Rajput. A simple line depicting the challenges faced by volunteers and mobilizers while working with communities for facilitating practices related to the construction and emptying of pits. Rashmi Rajput, a Self-Help Group (SHG) member for two years and a member of the Pithampur Mahila Sabha in Pithampur. An active community mobilizer was triggered to ensure that she and her community lived in a clean environment when UNICEF supported FSSM interventions in her Urban Local Body.



Mobilizing self-help group (SHGs) for implementing faecal sludge and septage management (FSSM) in Pithampura, Madhya Pradesh, India

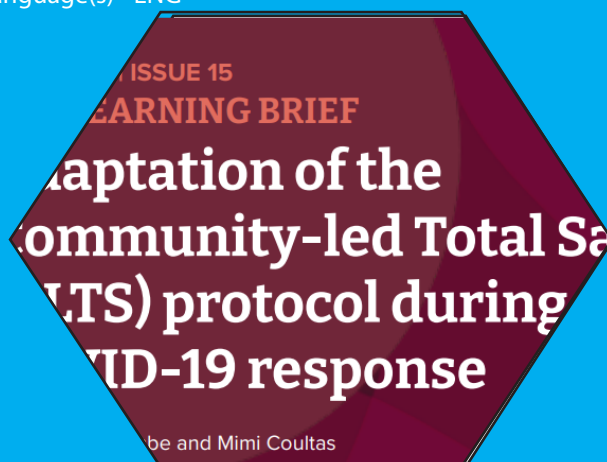
Documentation of UNICEF-supported FSSM project intervention in Madhya Pradesh, India, which seeks to create awareness and demand for FSSM and improve existing services to meet that demand. Integral to the initiative was the planning and execution of the FSSM social and behaviour change communication interventions which were developed by UNICEF and implemented by the Pithampur Municipality.

Author(s) - UNICEF India
Publication Date - 2023
Language(s) - ENG

Adaption of the Community-led Total Sanitation (CLTS) protocol during the COVID-19 response

Before COVID-19, Mozambique's Community-Led Total Sanitation (CLTS) protocol, broadly aligned with the original approach proposed by Kar. During the pandemic, UNICEF Mozambique worked with the Government of Mozambique (GoM) and other partners to adapt the CLTS protocol in line with government restrictions to support continued implementation of the approach. This rapid study explored how CLTS programming was adapted and implemented during the pandemic and the successes, failures, and lessons to inform recommendations moving forward.

Author(s) - UNICEF Mozambique & Institute of Development Studies and The Sanitation Learning Hub
Publication Date - 2023
Language(s) - ENG



MAY 2023 | ISSUE 15

SLH Learning Paper

Learning from ODF Districts in Mozambique

André Uandela and Mimi Coultas

Learning from ODF Districts in Mozambique

With 30% of Mozambique's rural population still practicing open defecation, the country urgently needs to accelerate results to achieve SDG 6.2. After over a decade of work by the Government and key partners including UNICEF, six districts have recently been declared open defecation free. This paper shares findings from a review commissioned by UNICEF in 2023 to understand the enablers and barriers to success in these districts, and inform national and global discussion on how sub-national systems can be better supported to drive

Author(s) - UNICEF Mozambique & Institute of Development Studies and The Sanitation Learning Hub
Publication Date - 2023
Language(s) - ENG

The Prevention Agenda

Advancing Resilient WASH Sectors and Communities

Omar El Hattab
WASH Team, UNICEF, New York

The Prevention Agenda: Advancing Resilient WASH Sectors and Communities

During the SWWW 2023, UNICEF WASH positioned the Prevention Agenda through advancing resilient WASH Sectors and Communities, which was well received by the 60+ participants that attended a UNICEF-hosted breakfast event. UNICEF tabled its work in the space including the Global WASH Sector Resilience Index (GWSRI), which was also welcomed by participants, stating that this will need support and participation from the broader WASH community to further the goals and concept behind the GWSRI.

Author(s) - UNICEF Global

Publication Date - 2023

Language(s) - ENG

Bringing Vision To Reality: Taking stock of 20 success stories in water supply and sanitation sector across Maharashtra

UNICEF Mumbai, with technical support from PriMove, is working on differentiated system strengthening to deliver JJM and SBM(G) II at State Level and achieving sustainable service delivery through effective O&M in Kolhapur and Aurangabad districts. Under the project, UNICEF and PriMove have attempted to document 20 success stories at GP, cluster, block and district level. Each of them touches upon different key components of the programs such as district level strategizing, planning and execution, convergence, SBCC, sustainability, active community participation, sustained O&M, use of innovative technologies, etc.

Author(s) - UNICEF India & PriMove

Publication Date - 2023

Language(s) - ENG



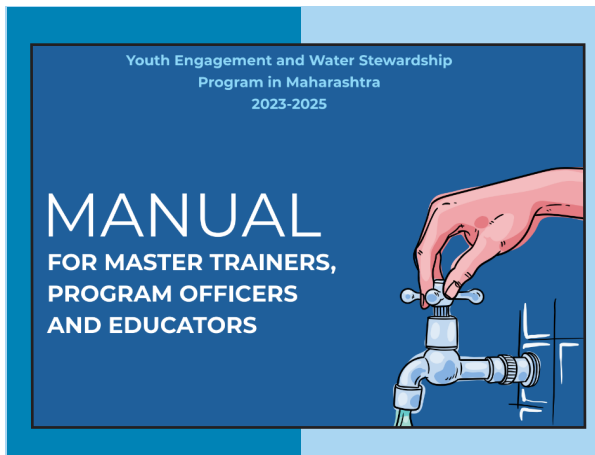
SAHTOSO - así ha sido su implementación en La Guajira

En Manaure (La Guajira), municipio priorizado por uno de los programas de agua, saneamiento e higiene WASH en Colombia, se determinó que la morbilidad de niños y niñas por falta de saneamiento es el más crítico del departamento. Para llevar una solución sostenible, se implementó la metodología SAHTOSO, que plantea una solución sostenible liderada por las comunidades. Para UNICEF Colombia, este programa y sus avances permiten cerrar brechas de acceso a saneamiento en el país y acercarnos a la meta de los Objetivos de Desarrollo Sostenible. Descargue el documento para conocer más.

Author(s) - UNICEF, Fundación Halü & Baxter

Publication Date - 2023

Language(s) - SP



Manual for Master Trainers, Program Officers and Educators

This manual is primarily meant for District Nodal Officers, Master Trainers and Program Officers for Green Clubs and the National Service Scheme (NSS) in Maharashtra, who are part of the Youth Engagement and Water Stewardship (YEWS) program. Youth organisations and youth leaders, educators are welcome to use.

The manual contains guidance for organising orientation workshops for Program Officers, and Green Club members.

Author(s) - ACWADAM, CEE, UNICEF India and Why Waste?, among others

Publication Date - 2023

Language(s) - ENG

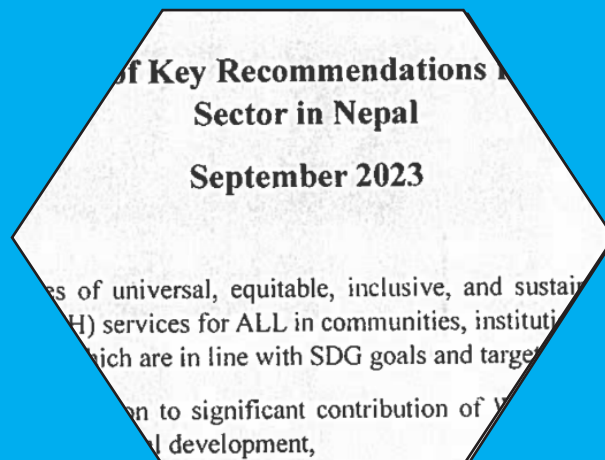
WASH Joint Sector Review, 2023 accelerates Nepal's effort to achieve SDG 2023

Kathmandu Declaration of Key Recommendations for Advancing the WASH Sector In Nepal

Author(s) - UNICEF & Government of Nepal

Publication Date - 2023

Language(s) - ENG



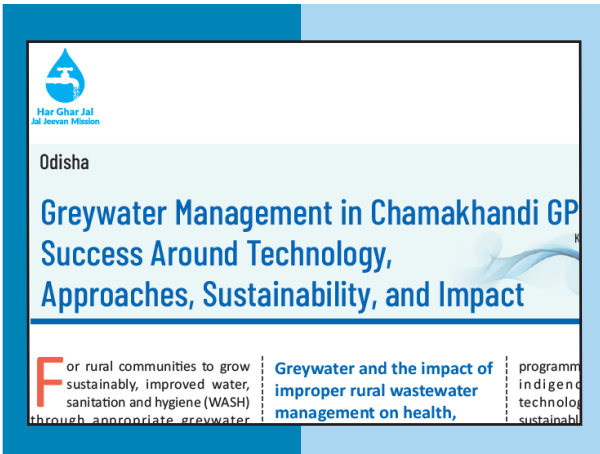
Good Practices in Child-Friendly Local Governance

This compendium of exemplary, real-life scenarios has been developed to promote the crosspollination of ideas and knowledge, and to inspire those who are committed to advancing the child-friendly local governance agenda.

Author(s) - UNICEF & Govn. of India, Child Friendly Villages among others.

Publication Date - 2023

Language(s) - ENG



Greywater Management in Chamakhandi GP: Success around technology, approaches, sustainability & Impact- Odisha, India P (10)

For rural communities to grow sustainably, improved water sanitation and hygiene (WASH) through appropriate greywater management is essential. The threat of increasing environmental deterioration brought on by mismanaged greywater can be addressed through involvement of local community combined with scientific management techniques. Chamakhandi Gram Panchayat (GP) presents a sustainable solution; they have used a combination of technological solutions.

Author(s) - Gautam Pattnaik (UNICEF), Shipra Saxena (UNICEF), Anwesa Dutta (UNICEF)

Publication Date - 2023

Language(s) - ENG

Learning From and Preventing Failure in WASH Projects

Failure is difficult to talk about, but WASH failures have negative impacts – money is wasted and sometimes people are harmed. We need to acknowledge that not everything we try will succeed, but that if we learn from one another, we can continuously improve our work. Since 2018, we have attempted to foster this change through the ‘WASH Failures Movement’.

This issue of ‘Frontiers of Sanitation’ is a compilation of what we’ve learned about why WASH failures happen, how we can address them, and how we can facilitate a culture of sharing and learning from failure in the WASH sector.

Author(s) - Revecca Sindall (Public Health Researcher), Dani Barrington (University of Western Australia), Esther Shaylor (UNICEF).



Case study: Schools in Afghanistan adopt climate resilient water supply system

Climate change plays a significant role in the drying up of shallow groundwater sources in Zabul Province as a result schools in Zabul face difficulties in accessing safe WASH facilities. UNICEF partnered with the Human Resource Development Agency (HRDA) to implement climate resilient ‘Integrated School WASH Project’ that has helped maintain a healthy environment for the students in the schools.

Author(s) - UNICEF Afghanistan

Publication Date - 2023

Language(s) - ENG



Three days ToT on Water and Sanitation for Health Facility Improvement Tool (WASHFIT)

The three-day training on WASH FIT for healthcare facility staff, facilitated by UNICEF, PCRWR, and AWF Consultants, is a commendable effort. It indicates a commitment to addressing the challenges and improving WASH conditions in healthcare facilities. The involvement of multiple partners and technical experts in customizing WASH FIT tools and indicators for the specific needs of Pakistan demonstrates a comprehensive approach.

Author(s) - UNICEF Pakistan, PCRWR & AWF Consultants

Publication Date - 2023

Language(s) - ENG

Enhancing WASH in Schools in Rajasthan, India: Making it child-friendly, gender-responsive & climate-resilient (2018-22)

In the case of Rajasthan, we have observed how children become changemakers, and the messages of good WASH behaviour travels beyond the walls of the school and into the community, neighbouring villages, and across districts. This report gives us the opportunity to zoom out and survey the achievements, dwell on the challenges, and take pause before we consider the needs and priorities of the state and its people, to strengthen their WASH needs for the future.

Author(s) - UNICEF India

Publication Date - 2023

Language(s) - ENG



Green Club Manual

The Green Club (GC) will be established to provide the values of environmental stewardship among the students. It aims to work towards an eco-friendly environment in and around colleges and education institutions by efficient use of resources like water, waste, energy and circularity.

The formation of Green Clubs will primarily focus on coordinating with youth in universities and colleges to support environmental activities and projects within colleges and communities as extension services. Under this program, the aim is to empower students to participate in and take up meaningful environmental activities and projects.

Author(s) - UNICEF Maharashtra, Government of Maharashtra, ACWADAM, CEE & Why Waste?

Publication Date - 2023

Language(s) - ENG



Case study: Children's engagement in water source protection in the UVA Province

To address the knowledge gap and enhance the protection of water sources, UNICEF is supporting the Uva province with two key interventions as part of the UNSDG-funded project. The first intervention is to provide technical support to the local government authorities to protect water sources. The second intervention is focused on community engagement in protecting selected water sources especially including children and youth in seven Divisional Secretariats.

Author(s) - UNICEF Sri Lanka

Publication Date - 2023

Language(s) - ENG

Briefing note: Improving management of intermittent piped water systems in Ethiopian small towns

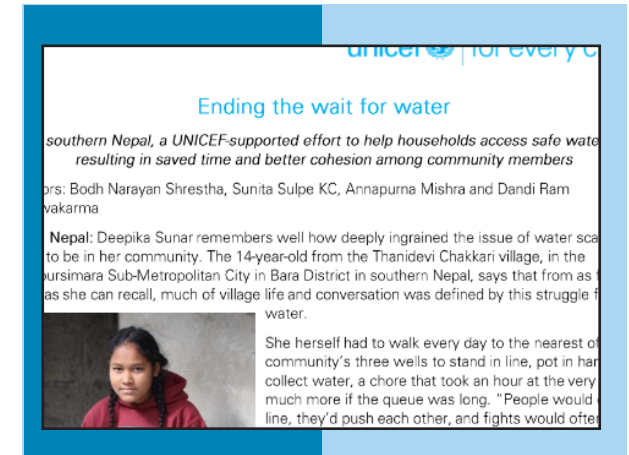
Based on long-term research engagement in Wukro, Tigray, a REACH Water Security Observatory, we present three recommendations for inclusive water services in intermittent piped water systems in small towns in Ethiopia. At the national level, there needs to be more attention to the intermittency of urban water supply systems in policy and management and what this means for climate resilient urban WASH planning.

Author(s) - UNICEF, REACH, OXFORD among others.

Publication Date - 2023



Improving management of intermittent piped water systems in Ethiopian small towns



Ending the wait for water in Southern Nepal

In southern Nepal, a UNICEF-supported effort to help households access safe water is resulting in saved time and better cohesion among community members.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG

2023



Peer Reviewed
Journal Articles

effectiveness of menstrual health interventions in low- and middle-income countries in the East Asia and Pacific region

Alexandra Head^a, Chelsea Huggett^b, Pisey Chea^b, Brooke Yamakoshi^c, Heather Suttor^{a,d}, Julie Hennegan^{a,d}

^a Maternal, Child and Adolescent Health Program, Burnet Institute, Melbourne, VIC, Australia

^b WaterAid Australia, Melbourne, VIC, Australia

^c UNICEF East Asia and Pacific Regional Office, Bangkok, Thailand

^d Melbourne School of Population and Global Health, University of

Systematic review of the effectiveness of menstrual health interventions in low-and middle-income countries in the East Asia and Pacific Region

In the context of rapidly expanding policy and practice, this systematic review collates and appraises evidence for the effectiveness of menstrual health interventions in the East Asia and Pacific region.

Author(s) - Alexandra Head, Chelsea Huggett, Pisey Chea, Brooke Yamakoshi, Heather Suttor, Julie Hennegan

Publication Date - 2023

Language(s) - ENG

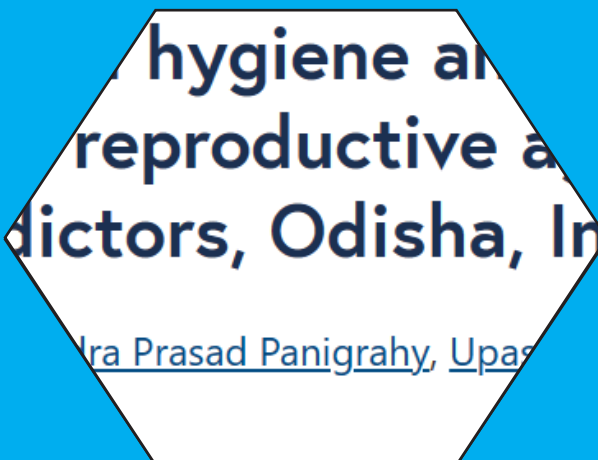
Menstrual Health and Hygiene amongst adolescent girls and women of reproductive age: a study of practices and predictors, Odisha, India

This study aimed to assess the knowledge and practices related to menstrual health and hygiene amongst females of 10–49 years of age; explore the experiences and challenges of women during menstruation; and identify the key predictors of healthy menstrual health and hygiene.

Author(s) - Nishisipa Panda, Shyama Desaraju, Rudra Prasad Panigrahy, Upasona Ghosh, Shipra Saxena, Pratibha Singh & Bhuputra Panda

Publication Date - 2023

Language(s) - ENG



Burden of disease attributable to unsafe drinking water, sanitation, and hygiene in domestic settings: a global analysis for selected countries

We assessed the WASH-attributable disease burden of the four health outcomes overall and disaggregated by region, age, and sex for the year 2019. We calculated WASH-attributable fractions of diarrhoea and acute respiratory infections by country using modelled WASH exposures and exposure–response relationships from two updated meta-analyses. We used the WHO and UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene public database.

Author(s) - Jennyfer Wolf, PhD, Richard B Johnston, PhD, Prof Argaw Ambelu, PhD, Benjamin F Arnold, PhD, Robert Bain, MEng, Michael Brauer, ScD et al. among others

Publication Date - 2023

Language(s) - ENG

Water, sanitation, and hygiene in selected health facilities in Ethiopia: risks for healthcare acquired antibiotic resistant infections

Teshome Bekele, Abebe Assefa, Lavuun Verstraete, Adey Feleke Desta, Taha Al-Mulla, Kitka Goyol, Kaleab Baye
doi: <https://doi.org/10.1101/2023.07.12.23281111>

Water, sanitation, and hygiene in selected health facilities in Ethiopia: risks for healthcare acquired antibiotic resistant infections

The study aimed to assess WASH facilities and practices, and levels of nosocomial pathogens in surface and water samples collected from selected health facilities in Oromia Region and Southern Nations and Nationalities and Peoples Region (SNNPR).

Author(s) - Teshome Bekele, Abebe Assefa, Lavuun Verstraete, Adey Feleke Desta, Taha Al-Mulla, Kitka Goyol, Kaleab Baye

Publication Date - 2023

Language(s) - ENG

Estimating the Global Target Market for Passive Chlorination

Deploying passive (in-line) chlorinators is one strategy for improving access to microbially safe drinking water without requiring electricity or daily user input. Using Joint Monitoring Programme data, we calculate the population in low- and middle-income countries ($n = 135$ LMICs) using drinking water sources that are compatible (piped water and kiosks) or potentially compatible (packaged and/or delivered water, rainwater, boreholes and/or tube wells, and protected springs) with passive chlorinators.

Author(s) - Katya Cherukumilli, Robert Bain, Yiru Chen, and Amy J. Pickering

Publication Date - 2023

Language(s) - ENG

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Estimating the Global Target Market for Passive Chlorination

Katya Cherukumilli, Robert Bain, Yiru Chen, and Amy J. Pickering

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KEYWORDS: Chlorine, Contamination, Drinking Water

Eliminating lead exposure from drinking water—A global call to action

Valerie Bauza , Sean Furey , Jorge Alvarez-Sala, James Bartram, Kerstin Danert, Jennifer De France, Samuel Diarra, Michael B. Fisher, Dain Hansen, Paul Hutchings, Christopher Lindsay, Riley Mulhern, Ray Norman, Claude Ramseier, Johan Strandberg, Pierre Studer, Aaron Salzberg
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Editor: Debora Walker, PLOS: Public Library of Science, UNIT			
Published: April 26, 2023			

Eliminating lead exposure from drinking water—A global call to action

Existing evidence warrants immediate action to prevent and remediate lead in drinking water systems, but knowledge gaps remain. Additional research to better characterize the prevalence of lead in water systems globally, the relative source contribution of drinking water, the effectiveness of interventions for rural systems, and the health benefits of eliminating lead exposure from drinking water will help accelerate global policy and action.

Action must be taken now to prevent lead exposure from drinking water systems. The health of our children depends on it.

Author(s) - Valerie Bauza, Sean Furey, Jorge Alvarez-Sala, James Bartram, Kerstin Danert, Jennifer De France, Samuel Diarra, Michael B. Fisher, Dain Hansen, Paul Hutchings, Christopher Lindsay, Riley Mulhern, Ray Norman, Claude Ramseier, Johan Strandberg, Pierre Studer, Aaron Salzberg

Publication Date - 2023

Language(s) - ENG

Identifying predictors of household water in sub-Saharan Africa using elimination regression

[Donald Fejfar](#),^{ab} [Wren Tracy](#),^c [Emma Kelly](#),^{ad}

[Darcy Anderson](#)^a and [Ryan Cronk](#) ^{*a}

Identifying predictors of E. coli in rural household water in sub-Saharan Africa using elimination regression

Exposure to fecally contaminated drinking water contributes to the global disease burden, especially in sub-Saharan Africa (SSA). We used cross-sectional data and elimination regression analysis to examine factors influencing E. coli contamination in household drinking water samples from 4499 rural households in nine countries in SSA (Malawi, Mozambique, and Zambia in Southern Africa; Ghana, Mali, and Niger in Western Africa; and Kenya, Rwanda, and Tanzania in Eastern Africa)

Author(s) - Donald Fejfar, Wren Tracy, Emma Kelly, Michelle Moffa, Robert Bain, Jamie Bartram, Darcy Anderson and Ryan Cronk

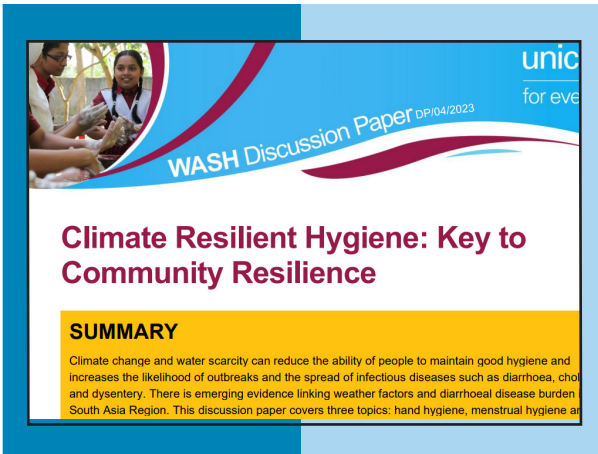
Publication Date - 2023

Language(s) - ENG

2023



UNICEF Publications



Climate Resilient Hygiene: Key to Community Resilience

This discussion paper covers three topics: hand hygiene, menstrual hygiene and food hygiene and considers how climate change affects vulnerable populations in households and, to a lesser extent, institutional settings (including schools and health care facilities).

Key learnings include the need to adapt all aspects of hygiene programming to ensure that hygiene services consider climate related threats and changes leading to more resilient communities and institutions. From the positioning of infrastructure, like hand washing stations, to the inclusion of climate and environment related messaging, hygiene programming needs to consider slow and fast onset climate related threats.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG

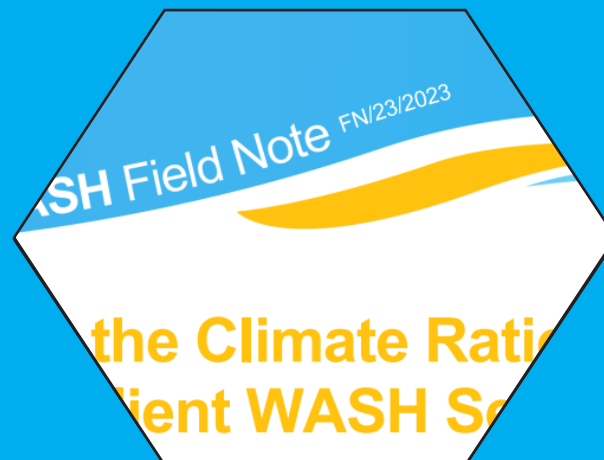
Developing the Climate Rationale for Climate Resilient WASH Services in Uganda

This Field Note describes the step-by-step approach adopted in Uganda to strengthen the delivery of climate resilient WASH services. It introduces a variety of approaches and tools that can be used as entry points for the effective integration of a climate lens in WASH sector diagnosis. Therefore, in each step and for all proposed activities, it presents i) the rationale, ii) the main methodological issues that need to be taken into consideration for its proper implementation, as well as iii) achieved results.

Author(s) - UNICEF Uganda

Publication Date - 2023

Language(s) - ENG



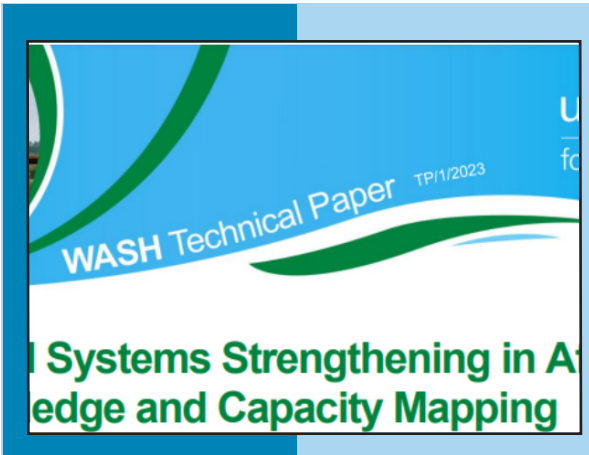
Empowering Persons with Disabilities on Inclusive WASH in Fiji

As part of the COVID-19 response to improve hand hygiene and access to water, sanitation and hygiene (WASH), UNICEF partnered with Pacific Disability Forum and Fiji Disabled Persons Federation to assess and improve the accessibility of WASH services in schools, community and public buildings in Fiji. The project focused on buildings used as evacuation centres in emergencies and as isolation centres during the COVID-19 pandemic. Working with organizations of persons with disabilities, the project empowered persons with disabilities at every stage, from decision making to data collection.

Author(s) - UNICEF Fiji

Publication Date - 2023

Language(s) - ENG



WASH Systems Strengthening in Africa: Knowledge and Capacity Mapping

To reinforce national WASH systems strengthening efforts in countries, UNICEF, IRC and Water For People launched a Partnership for WASH Systems in Africa in April 2021 that aims to support the implementation of the Accelerating Sanitation and Water for All Programme (ASWA), funded by the Netherlands' Directorate-General for International Cooperation (DGIS).

In 2021-22, under the partnership, a mapping exercise was undertaken to understand knowledge management and training practices related to national WASH systems strengthening in 19 UNICEF programme country offices and a limited number of sector partner operations in Africa.

Author(s) - UNICEF

Publication Date - 2023

Language(s) - ENG

First Nationwide Rural WASH Sustainability Check in Mozambique: A Clear Pathway of Action for Improving Sustainability

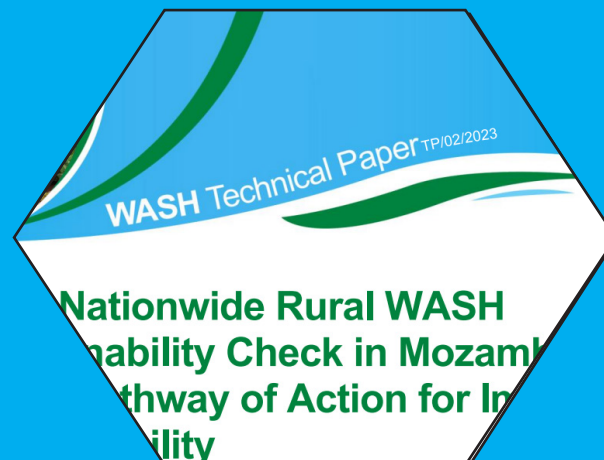
Mozambique conducted its first Nationwide Sustainability Check between November 2021 and July 2022. The data collection was carried out between November 2021 and January 2022. This exercise sought to understand the different factors influencing the sustainability of rural water and sanitation infrastructure, services and behaviours in order to provide informed recommendations. In each of the three provinces - Inhambane, Zambezia and Nampula – three districts were selected to cover the northern, central and southern regions.

A total of 195 community-managed hand pumps and 90 open defecation free (ODF) communities were assessed in the nine selected districts.

Author(s) - UNICEF Mozambique

Publication Date - 2023

Language(s) - ENG



Promoting Hand Hygiene Through Innovations and Small Businesses in Ghana

Less than 50% of Ghanaians practice safe hand hygiene in Ghana (MICS 2017/18). As a result, the potential impact of disease outbreaks like cholera puts the lives of the populations at risk. As a component of its Sanitation Marketing (SanMark) programme, UNICEF Ghana, in recent years, - has been partnering with various state agencies and civil society organisations to identify and support private innovators and small businesses engaged in the production and supply of hand hygiene related facilities and materials.

The support includes (i) establishment of local supply chains for hand hygiene products and (ii) promotion of innovation in partnership with private sector entities.

Author(s) - UNICEF Ghana

Publication Date - 2023

Language(s) - ENG



Unlocking Finance for Sanitation in West Africa: Leveraging Development Funds Towards Commercial Scalable Solutions

This WASH Field Note presents some of the lessons learned and approaches taken to establish revolving sanitation funds in the three pilot countries. For this purpose, selected insights into the ecosystem background and the functioning of the RFS in each of the three countries are presented. This document further outlines the key elements of a roadmap towards leveraging more commercial capital to scale the RFS.

Author(s) - UNICEF WCARO

Publication Date - 2023

Language(s) - ENG

Achieving State-Wide Open Defecation Free Status in Nigeria

On 26 October 2022, Nigeria achieved a landmark success when the National Task Group on Sanitation (NTGS) validated Jigawa state as the first Open Defecation Free (ODF) state after decades of struggling to eliminate the practice of open defecation. When Jigawa adopted the National ODF Roadmap in 2016, it was acknowledged as one of the top ten states, where eliminating open defecation would be very challenging.

Author(s) - UNICEF Nigeria

Publication Date - 2023

Language(s) - ENG



Shahjahan Bibi: A Waste Management Champion and a Great Motivator for the Cleanliness of her Community

This WASH Diary reflects the experiences of Shahjahan Bibi, a refugee woman and housewife whose support to the implementing teams was key to ensuring effective community engagement in hygiene-related behavioural practices in Suf Sutra Kora Sobai (Everybody is involved in cleaning).

Author(s) - UNICEF Bangladesh & Brac

Publication Date - 2023

Language(s) - ENG



Mobilizing Self-Help Groups to Manage Faecal Sludge in Pithampur, Madhya Pradesh, India

This WASH Diary showcases a conversation with Rashami Rajput, an active SHG and Mohalla Samiti (neighbourhood community) member, bringing to light the voices from the field on how effective community mobilization and behaviour change communication has positively impacted FSSM in Pithampur

Author(s) - UNICEF India

Publication Date - 2023

Language(s) - ENG

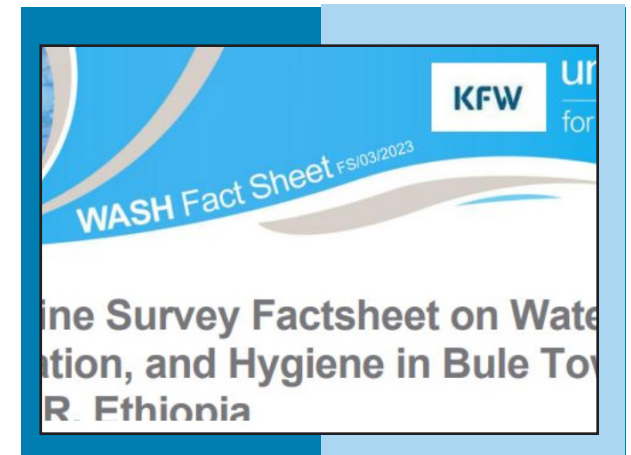
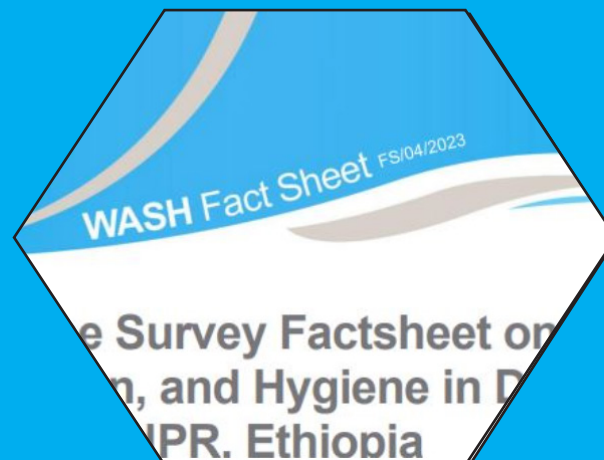
Baseline Survey Factsheet on Water, Sanitation, and Hygiene in Doyo Gena Town, SNNPR, Ethiopia

This Factsheet presents Doyo Gena town summary of the baseline survey conducted by IRC WASH as part of the independent monitoring and evaluation of the KfW funded “Durable WASH Solutions to Drought in Southern Ethiopia - Planning for the Future” programme implemented by UNICEF Ethiopia between 2020-2025 (referred to as “Three Town Project” in this report). This town factsheet presents the status of WASH services by the end of 2020 and before implementing the project.

Author(s) - UNICEF Ethiopia

Publication Date - 2023

Language(s) - ENG



Baseline Survey Factsheet on Water, Sanitation, and Hygiene in Bule Town, SNNPR, Ethiopia

This Factsheet presents Bule town summary of the baseline survey conducted by IRC WASH as part of the independent monitoring and evaluation of the KfW funded “Durable WASH Solutions to Drought in Southern Ethiopia - Planning for the Future” programme implemented by UNICEF Ethiopia between 2020-2025 (referred to as “Three Town Project” in this report). This town factsheet presents the status of WASH services by the end of 2020 and before implementing the project. It covers water and sanitation services in the town and in selected satellite villages, as well as WASH services in schools and health care facilities.

Author(s) - UNICEF Ethiopia & KfW

Publication Date - 2023

Language(s) - ENG



Baseline Survey Factsheet on Water, Sanitation, and Hygiene in Bidre Town, Oromia Region, Ethiopia

This Factsheet presents Bidre town summary of the baseline survey conducted by IRC-WASH as part of the independent monitoring and evaluation of the KfW funded “Durable WASH Solutions to Drought in Southern Ethiopia - Planning for the Future” programme implemented by UNICEF Ethiopia between 2020 and 2025 (referred to as “Three Town Project” in this report).

Author(s) - UNICEF Ethiopia, KfW & German Cooperation

Publication Date - 2023

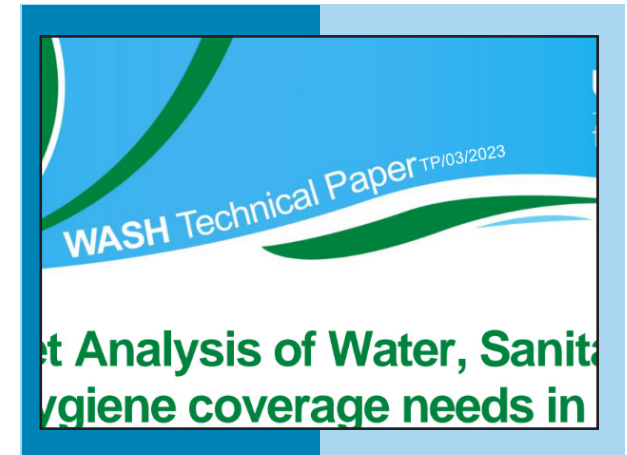
Discovering Diversity and Overcoming Challenges: My Stretch Assignment to Mongolia from Pakistan

This diary is a personal reflection of Ihsan Ullah Khan from UNICEF Pakistan on his enriching experience during his stretch assignment to UNICEF Mongolia. Ihsan shares how he and the host country benefited from this opportunity and reflects that this cross-learning initiative was beneficial for both countries’ WASH program as well as Ihsan, personally and the receiving team learning about different workplace environments as well as getting exposure to different work cultures.

Author(s) - UNICEF Mongolia

Publication Date - 2023

Language(s) - ENG



Budget Analysis of Water, Sanitation and Hygiene coverage in Benin

Over the years 2017-2021 of the national strategies for drinking water, sanitation and hygiene (WASH) in rural areas, the Benin government showed commitment to providing and making basic drinking water, hygiene and sanitation services accessible through an 83 per cent increase in allocation of financial resources to the WASH sector. Despite these encouraging increases, Benin’s commitment to provide universal coverage of drinking water to the population by 2021 has not yet been achieved. In 2021, 30 per cent of the Beninese population still lacked access to basic drinking water.

Author(s) - UNICEF Benin

Publication Date - 2023

Language(s) - ENG



Safely Reopening Schools: An innovative approach to safely reopening schools in the Kachchh District of Gujarat, India, through strengthening the hand hygiene ecosystem

The initiative examined the entire chain of safe hand hygiene (including infrastructure, behavior change, and capacity building) holistically and innovatively during this intervention to ensure sustainability. This field note outlines the planning, implementation methodology, challenges, achievements, and lessons learnt from the intervention to safely reopen schools and reduce COVID-19 risk for children, teachers, and staff.

Author(s) - UNICEF India

Publication Date - 2023

Language(s) - ENG

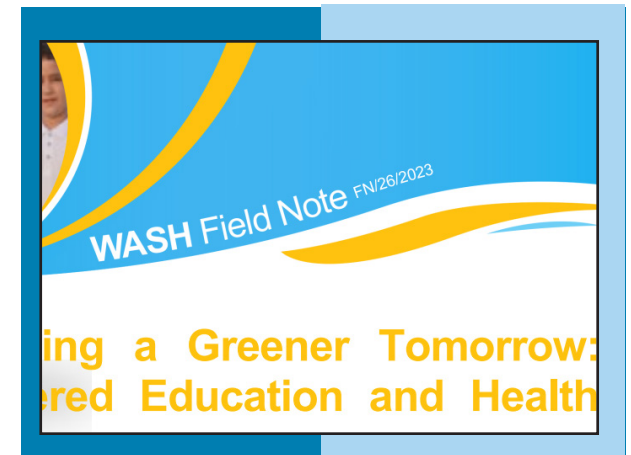
Towards Disability Inclusive WASH Programming in Schools in Nepal

An audit of the WASH facilities in 100 public schools in Nepal revealed that the accessibility of WASH services for children with disabilities was either very poor or non-existent. During the two years of its implementation from October 2019 to April 2022, the project supported the construction and retrofitting of school WASH facilities, successfully improving their accessibility for children with disabilities. Key to the success of the project were: the involvement of persons with disabilities throughout various project activities, such as the advocating for disability-inclusive WASH facilities, the development of guidelines, auditing tools and hands on support to the selected municipalities and schools, demonstrating best practice inclusive WASH facilities in schools.

Author(s) - UNICEF Nepal

Publication Date - 2023

Language(s) - ENG



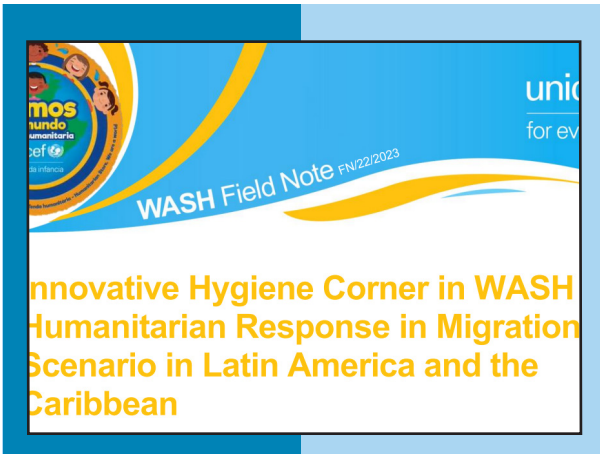
Shaping a Greener Tomorrow: Solar-Powered Education and Healthcare in Iraq

Ensuring sustainable access to safe Water, Sanitation and Hygiene in schools and health care institutions in Iraq presents many challenges and is likely to become even more difficult with the increasing impacts of climate change. To address these challenges, UNICEF is supporting a package of services to enable reliable access to green energy for education and health care facilities that lack a reliable source of electricity and using diesel generators.

Author(s) - UNICEF Iraq

Publication Date - 2023

Language(s) - ENG



Innovative Hygiene Corner in WASH Humanitarian Response in Migration Scenario in Latin America and the Caribbean

This field note shares the innovative experience of Hygiene Tents, Casitas or Hygiene Corners as a modality of humanitarian response of Water, Sanitation and Hygiene (WASH) for refugees and migrants in transit at host communities in Latin America region, specifically in the hygiene response area.

Author(s) - UNICEF LAC

Publication Date - 2023

Language(s) - ENG

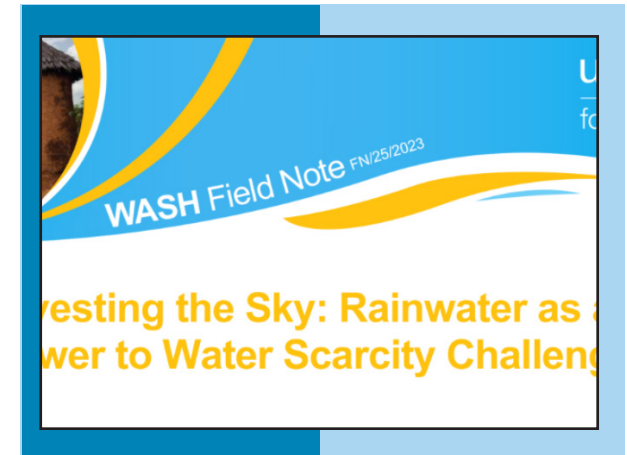
Stretched into Emergencies – A WASH Experience from India to South Sudan

The aim of the WASH resilience programming is to support sustainable service provision as part of the humanitarian development nexus to strengthen the resilience of people, communities, and systems. The stretch assignment's objective included to strengthen WASH resilience into programming (existing and new), including to focus on sustainable urban and rural WASH services delivery; government and stakeholder capacity building; sustainable school WASH facilities; supply chain improvement; and private sector engagement.

Author(s) - UNICEF South Sudan

Publication Date - 2023

Language(s) - ENG



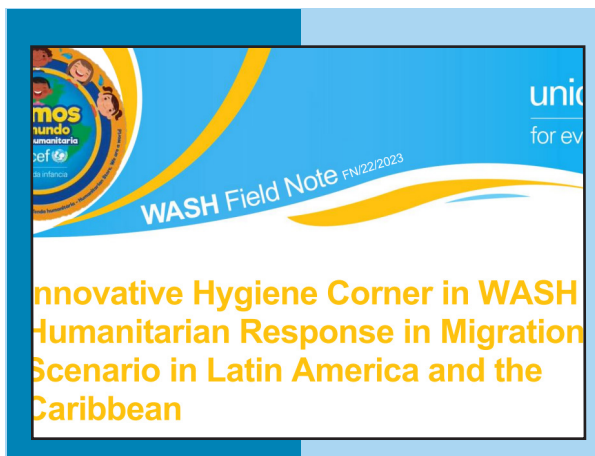
Harvesting the Sky: Rainwater as an Answer to Water Scarcity Challenges in Iraq

Key drivers of water scarcity in Iraq include limited water resources, high demand surpassing availability, conflict-induced infrastructure destruction, heavily subsidized water tariffs, pollution, and ineffective water management. Rainwater harvesting is crucial, supported by hydraulic structures, to mitigate scarcity and provide sustainable water resources for various purposes.

Author(s) - UNICEF Iraq

Publication Date - 2023

Language(s) - ENG



Smart' water kiosks improve access to drinking water in rural Mongolia

In Mongolia, access to safely managed drinking water has increased nationally, but access in rural, periurban, and low-income locations remains low. Climate change, limited and declining freshwater sources, deforestation, and pollution are degrading water quantity and quality. To address the situation, UNICEF is supporting WASH facilities that are sustainable for local communities under the KOICA-funded project "Community-Based Climate Resilient Water, Sanitation, and Hygiene Interventions" among others, targeting three provinces (Bayankhongor, Gobi-Altai, and Zavkhan).

Author(s) - UNICEF Mongolia

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Prepared by the WASH Knowledge Management Team

UNICEF

3 United Nations Plaza

New York, NY 10017, USA

Designed by

Anu Paudyal Gautam (apgautam@unicef.org) - WASH Specialist

Cecilie Kolstad (ckolstad@unicef.org) - WASH Consultant

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