

WASH@paper

1

DECEMBER 2014

WASH CAPACITY DEVELOPMENT

The WASH e-paper is an online magazine published at regular intervals in German and English. Each edition takes a closer look at a current key issue in the water, sanitation and hygiene (WASH) sector and related areas. It also provides updates on forthcoming national and international events, current publications and projects, as well as news from the sector. The e-paper is published by the German Toilet Organization in collaboration with the German WASH Network and the Sustainable Sanitation Alliance (SuSanA).

Issue no. 1

The first issue examines the topic of **WASH capacity development** and provides a comprehensive overview of the latest basic and advanced training measures at both the national and international level. It also covers relevant WASH online platforms, blogs, newsletters, massive open online courses (MOOCs) and webinars. To find out more about the different capacity development measures, simply click the relevant logo. Please check the corresponding websites for available languages of course services. We hope you enjoy reading this issue.

IN THIS ISSUE.....

- 01 [WASH seminars and training courses \(national/international/regional\)](#)
- 02 [WASH online platforms, blogs and newsletters](#)
- 03 [WASH e-learning courses, MOOCs and webinars](#)
- 04 [Calendar of WASH events 2015/2016](#)
- 05 [Recent WASH publications](#)
- 06 [Recommended reading – our top five](#)

01

WASH Seminars and training courses

IN GERMANY

INTERNATIONAL

REGIONAL / NATIONAL



German Toilet Organization | WASH training courses

The German Toilet Organization (GTO) offers a number of two-day training courses on key WASH issues. These include seminars on sustainable water supply and sanitation, hygiene promotion, emergency sanitation and urban sanitation.

For more details please contact: Karl Steigel
(karl.steigel@germantoilet.org)



German WASH Network | Intensive course on WASH in Emergencies

The German WASH Network is offering an intensive, practical training course on water, sanitation and hygiene in emergencies, which consists of three one-week modules on WASH and Hygiene Promotion in Emergencies, Water Supply in Emergencies and Sanitation and Wastewater Management in Emergencies.

For more details please contact: Robert Gensch
(robert.gensch@germantoilet.org)



THW | Intensive course on water, sanitation and hygiene in humanitarian aid (focusing on sanitation)

The German Federal Agency for Technical Relief (THW), together with the GTO, is planning a one-week intensive Emergency WASH course (with an emphasis on sanitation) for THW staff and a limited number of WASH network members.

For more details please contact: Anne Zimmermann
(anne.zimmermann@thw.de)



Johanniter | training courses on Sphere

Johanniter International Assistance's specialist public health advisor, a qualified Sphere trainer, offers introductory and training courses lasting up to five days on the basic principles of and minimum standards for humanitarian aid in the WASH areas, as well as in shelter, nutrition and health.



DRK | Basic and further training courses

The German Red Cross (DRK) offers a wide range of national and international basic and further training courses in the WASH areas.

For more details please contact: Sabine Günnels (guennels@drk.de)



DWA | Basic and further training courses

The German Association for Water, Wastewater and Waste (DWA) offers a wide range of technical training courses and seminars, both within Germany and abroad.

01

IN GERMANY
INTERNATIONAL
REGIONAL / NATIONAL



UNESCO-IHE
Institute for Water Education

UNESCO-IHE short courses

The UNESCO-IHE Institute for Water Education offers a wide range of highly specialised course formats for refreshing or consolidating your knowledge, whether you are a sector expert or starting out in your career.



RedR training courses

RedR currently offers a wide range of training courses related to WASH in Emergencies including three and five-day intensive training courses on 'WASH Emergencies' and 'Urban WASH in Emergencies'.



Eawag's practice-oriented further training courses (PEAKs)

The Swiss Federal Institute of Aquatic Science and Technology (Eawag) offers practice-oriented further training courses for experts and professionals from the field of water, sanitation and hygiene. The courses incorporate the latest in research work, lessons learned and cover a wide range of WASH subjects from faecal sludge management (FSM) to behavioural change.



Cewas start-up programme

The international centre for water management services (cewas) offers a start-up programme for young professionals in the WASH sector. The programme is broken down into training modules on sustainable sanitation and water management, business development and one-to-one coaching.



University of Copenhagen: water supply and sanitation in emergencies

As part of its Master of Disaster Management programme, the University of Copenhagen offers a four-week course on water supply and sanitation in emergencies.

01

IN GERMANY
INTERNATIONAL
REGIONAL / NATIONAL



CAWST: WASH training courses and workshops

The Centre for Affordable Water and Sanitation Technology (CAWST) offers a range of specialised WASH seminars and workshops on site in the target countries.



BushProof: WASH training course | Madagascar

BushProof offers a practice-oriented, one-week training course on water and sanitation infrastructure in Antananarivo, Madagascar in March 2015.



Bioforce Institute: Training courses on water, sanitation, hygiene and nutrition | Mali

The Bioforce Institute offers French-speaking vocational training courses on water, sanitation, hygiene and nutrition in Bamako, Mali.



Sustainable Sanitation Center: course on sustainable sanitation and water management | Philippines

The Sustainable Sanitation Center at Xavier University, the Philippines, offered a one-week course on sustainable sanitation and water management in January 2015.



Welthungerhilfe: post-implementation monitoring | Ethiopia

Welthungerhilfe is holding a workshop on post-implementation monitoring over several days in Addis Ababa in April/May 2015. The workshop is open to international partners, WASH think tanks and local partners.

For more details please contact: Stephan Simon
(stephan.simon@welthungerhilfe.de)



German WASH Network: Regional Emergency WASH Workshops

With support from the German Federal Foreign Office (AA), the German WASH Network conducts two regional emergency WASH workshops in Africa (Uganda) and Asia (Bangkok) in 2015. They will be open to members and local partner organisations of the German WASH Network.

For more details please contact: Robert Gensch
(robert.gensch@germantoilet.org)

02

WASH online platforms, blogs and newsletters

sustainable sanitation alliance

SuSanA website

The website of the Sustainable Sanitation Alliance (SuSanA) has probably the most comprehensive library on sustainable sanitation as well as a photo database, information on SuSanA partners and working groups, current events, job offers and news from the sector.



SuSanA Forum

The SuSanA Forum is a moderated forum with more than 4,000 registered users. It offers a platform for professional exchange and interaction with WASH sector experts around the globe on relevant topics. It includes an email alert and an integrated Google search function.



SSWM toolbox

The Sustainable Sanitation and Water Management (SSWM) online portal offers an interactive overview of key technologies, software and planning strategies in the sector. It includes important filter and search functions, cross references and an extensive literature database.



Eawag/Sandec

The website of the Department of Water and Sanitation in Developing Countries (Sandec) at the Swiss Federal Institute of Aquatic Science and Technology (Eawag) provides an overview of ongoing research projects,

publications, training courses and e-learning courses.



eCompendium

The eCompendium is the interactive version of Eawag's Compendium of Sanitation Systems and Technologies. It offers a comprehensive range of system templates with links to corresponding technology sheets and filter functions.



Akvopedia

The Akvopedia website is a WASH wiki and online platform for finding and sharing knowledge on water, sanitation and hygiene.



Humanitarian Response Platform

The Humanitarian Response Platform is a coordination and information portal with country-specific sub-pages including local documents, data records, contacts and information on clusters, the Humanitarian Programme Cycle and cross-sectoral themes.



WASH Cluster website

The WASH Cluster website provides general information on the cluster. It also includes a comprehensive library and training materials on Emergency WASH, promoting hygiene, cluster coordination and information management.



Sanitation Updates

Sanitation Updates is a blog with news, opinions and resources. It is run by the International Water and Sanitation Centre (IRC) and USAID.

Subscribers can use a notification function that sends them the latest contributions by email.



WASHplus

This website offers a weekly newsletter on relevant sectoral themes, a bibliographical database on WASH and nutrition as well as a library, training materials, webinars and presentations.



Saniblog

Established in 2007, Saniblog actively covers WASH themes, with a particular focus on sanitation.



SHARE

Sanitation and Hygiene Applied Research for Equity is a DFID-supported initiative to generate and collect information on advocacy activities in the area of water, sanitation and hygiene. The website includes a library of recent studies and research findings along with a regular newsletter.



CARE's Water+ wiki

CARE's Water+ wiki is a knowledge sharing platform. It has a comprehensive literature database and a collection of worldwide training and e-learning offerings.



UNECE's Water Convention website

Website of UNECE's Convention on the Protection and Use of Transboundary Watercourses and International Lakes



The Sphere Project

The Sphere Project

The online platform of the Sphere Project provides comprehensive information on Sphere (Humanitarian Charter and Minimum Standards in Humanitarian Response), including a download of its handbook in more than 20 languages, e-learning material, a training calendar and a newsletter.

03

WASH e-learning courses, MOOCs and webinars



Eawag/Sandec: Massive open online courses (MOOCs) on water, sanitation and hygiene

Eawag currently offers three MOOCs on 'Planning and Design of Sanitation Systems and Technologies', 'Household Water Treatment and Safe Storage', and 'Solid Waste Management'.



WEDC: Online courses on water, sanitation and hygiene

The Water, Engineering and Development Centre (WEDC) at Loughborough University currently offers the following online courses: 'Development, Disasters and Sanitation', 'Emergency Water Supply and Sanitation', 'Rural Sanitation at Scale', 'Soft Skills for Water Professionals'.



CAWST: Various online courses related to WASH

The Centre for Affordable Water and Sanitation Technology (CAWST) offers regular online training courses on various topics related to water, sanitation and hygiene.



RWSN: Webinars

The Rural Water Supply Network (RWSN) offers a series of webinars on rainwater harvesting, groundwater and waterpoint mapping.



IRC: WASH Costs e-learning course

The International Water and Sanitation Centre (IRC) will be offering an online course entitled 'WASH-Costs – Costing Sustainable Services'.



UNESCO-IHE: Faecal Sludge Management

The UNESCO-IHE Institute for Water Education will offer a comprehensive e-learning course on 'Faecal Sludge Management' in 2015.



The Sphere Project

The Sphere Project: Sphere Handbook in Action

The Sphere Project offers a Sphere Handbook in Action e-learning course to strengthen the effective use of the Sphere Handbook, Humanitarian Charter and Minimum Standards in Humanitarian Response.



UNITAR: Introduction to Water Diplomacy

The UN Institute for Training and Research (UNITAR) offers a web-based

course entitled 'Introduction to Water Diplomacy'.



CUAS/UNEP: Disasters and Ecosystems – Resilience in a Changing Climate

Together with UNEP, Cologne University of Applied Sciences (CUAS) offers a massive open online course (MOOC) on 'Disasters and Ecosystems – Resilience in a Changing Climate'.



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

UNC: online courses

The University of North Carolina (UNC) offers two e-learning courses: one on 'Water Safety Plans' and another on 'Monitoring, Evaluation and Learning (MEL) for WASH'.



Tufts University: The Biology of Water and Health (MOOC)

Tufts University is currently running a MOOC on 'The Biology of Water and Health'.



TU Delft: e-learning courses

Delft University of Technology currently offers online courses on 'Introduction to Drinking Water Treatment' and 'Introduction to the Treatment of Urban Sludge'.



The University of Manchester

UoM: Water Supply and Sanitation Policy in Developing Countries

The University of Manchester (UoM) has an e-learning course on 'Water



dis | course: WASH e-learning courses

dis | course is a network of interregional water experts. Its web platform offers a range of e-learning measures in the area of water, sanitation and hygiene, for example ‘Sector Governance in Urban Sanitation’, ‘Implementation of New Sanitation Technologies’ and ‘Non-Revenue Water Approaches’.



World Bank: Designing and Implementing Successful Water Supply and Sanitation Utility Reform

The World Bank runs an online course on ‘Designing and Implementing Successful Water Supply and Sanitation Utility Reform’.

04

Calendar of WASH events 2015/2016

May 2015 Senegal	AfricaSan 4 www.africasan.com
---------------------	---

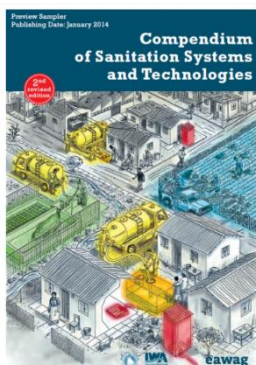
6 – 8 May 2015 Shanghai / China	IE Expo (IFAT Asia) http://www.ie-expo.com
------------------------------------	--

18 – 21 May 2015 Gdansk / Poland	IWA Nutrient Removal and Recovery Conference www.nrr2015.org
28 May 2015	Menstrual Hygiene Day
27 – 31 June 2015 Loughborough / UK	38th WEDC Conference www.wedcconference.co.uk
19 – 21 August 2015 Tampere / Finland	DT2015: Dry Toilet Conference www.huussi.net/en/activities/dt-2015
23 – 28 August 2015 Stockholm / Sweden	Stockholm World Water Week 2015 (Water for Development) www.worldwaterweek.org
August 2015 Stockholm / Sweden	20th SuSanA Meeting www.susana.org
15 – 18 September 2015 Johannesburg / South Africa	IFAT Forum Africa http://www.ifatforum-africa.com
15 October 2015	Global Handwashing Day
02 – 06 November 2015 Amsterdam / The Netherlands	3rd Amsterdam International Water Week www.internationalwaterweek.com
November 2015 Bonn / Germany	WASH and Nutrition Conference www.washnet.de

19 November 2015	World Toilet Day (Theme: WASH & Nutrition)
November 2015	UNSGAB closing event
18 – 21 November 2015 Goa / India	International Conference on Terra Preta Sanitation www.terra-preta-sanitation.net
22 March 2016	World Water Day
April 2016 Washington / USA	Sanitation and Water for All (SWA) High Level Meeting (tbc) sanitationandwaterforall.org
May 2016 Istanbul / Turkey	World Humanitarian Summit www.worldhumanitariansummit.org

05

Recent WASH publications



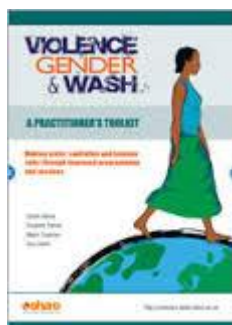
Compendium of Sanitation Systems and Technologies (2nd edition)

by: Tilley, E., Ulrich, L., Lüthi, C., Reymond, Ph., Zurbrügg, C.

Published by: eawag

2014, Dübendorf (Switzerland)

This second, revised edition of the Compendium presents a huge range of information on sanitation systems and technologies in one volume. In addition to a detailed description of the different system configurations for a variety of contexts, it provides technology information sheets, which describe the main advantages, disadvantages, applications and appropriateness of the technologies required to build a comprehensive sanitation system. By ordering and structuring tried and tested technologies into one concise document, it provides readers with a useful planning tool for making more informed decisions.



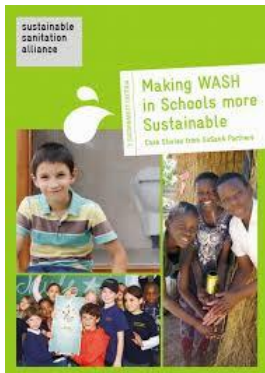
Violence, Gender and WASH – A Practitioner's Toolkit

by: House, S., Ferron, S., Sommer, M., Cavill, S.

Published by: WaterAid/SHARE

2014, London (UK)

This toolkit has been developed in response to the fact that although the lack of access to appropriate water, sanitation and hygiene services (WASH) is not the root cause of violence, it can lead to increased vulnerabilities to violence in varying forms. By recognising both the risks of violence associated with WASH and the potential benefits of WASH, this toolkit aims to shine a light on this problem and encourage practitioners to recognise their capacity to make WASH safer and more effective.



SuSanA (2014): Making WASH in Schools more Sustainable

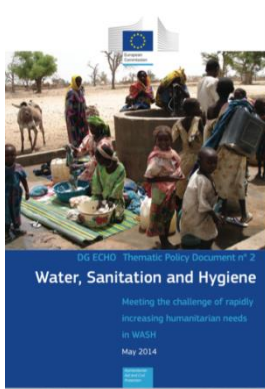
by: *Wendland, C., Rieck, C., Roenitzsch, S., van Epps, A.*

Published by: *SuSanA*

2014, Eschborn (Germany)

This publication showcases various approaches, both practical and innovative, adopted by SuSanA partners from around the world and shows how access to water and sanitation can be structured more sustainably.

The best practice examples outlined here provide inspiration for decision-makers, planners and practitioners.

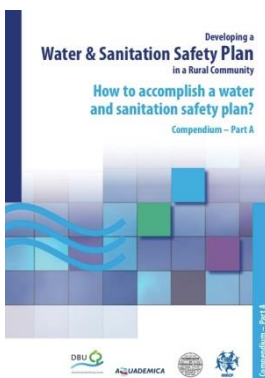


Water, Sanitation and Hygiene – Meeting the challenge of rapidly increasing humanitarian needs in WASH

Published by: *DG ECHO*

2014, Brussels, Belgium

In this publication, the European Union – currently the largest donor in humanitarian WASH funding – summarises its strategy for the sector. In addition to outlining basic principles and categorising the different crisis scenarios relevant for WASH, this policy document also describes intervention factors and coordination and advocacy needs. A comprehensive array of annexes includes a decision tree, technical guidelines and a detailed glossary.



Developing a Water and Sanitation Safety Plan

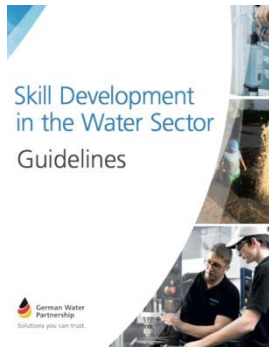
by: *Samwel, M., Wendland, C.*

Published by: *WECEF*

2014, Munich, Germany

Based on WHO's Water Safety Plan approach – a strategy for managing drinking water quality from catchment to consumer – Women in Europe for a Common Future (WECEF) has developed a compendium to enable small communities that often lack the broad, technical know-how for WASH to draft and implement their own water and sanitation safety plans.

This publication will soon also be available in Romanian, Macedonian and Russian.



Skill Development in the Water Sector

*Published by: German Water Partnership
2014, Berlin, Germany*

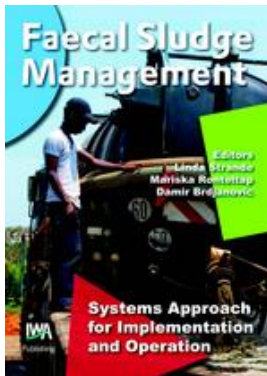
This publication by the German Water Partnership provides guidelines on skills development and long-term employability in the international water sector. It provides specific, practice-oriented advice on basic and further vocational training and calls for the training of skilled workers in order to ensure sustainable, well-functioning infrastructure at international level in the water and sanitation sector.



Linking Relief and Development in the WASH Sector - An Overview and Contribution to the International Debate

*by: Gensch, R., Hansen, R., Ihme, M.
Published by: The German WASH network
2014, Berlin (Germany)*

This paper is a snapshot of the WASH sector at the interface between humanitarian aid and development cooperation. It aims to promote a deep and mutual understanding of the two focal areas of work in the WASH sector and also outlines further recommendations for the sector, based on a survey of WASH experts.



Faecal Sludge Management - Systems Approach for Implementation and Operation

by: *Strande, L., Rontelap, M., Brđjanovic, D.*

Published by: *IWA Publishing*

2014, London (UK)

This book summarises the state-of-the-art technologies in the area of faecal sludge management. It addresses the planning and organisation of the entire service chain, from collection via the transport and treatment of the sludge to its final use or safe disposal. It also looks at operative, institutional and financial aspects and can be used as a guideline for planning city-wide faecal sludge management projects.

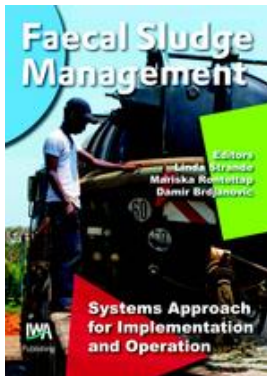
06

Recommended reading – our top 5

Last, but not least, at the end of each edition, we present our **top five books** as recommended by a well-known sector expert. This issue's expert is Dr Christoph Lüthi from Eawag/Sandec. If you are on the lookout for a suitable gift for a WASH expert, then you are bound to find something here.

Dr Christoph Lüthi is programme head at the Department of Water and Sanitation in Developing Countries (Sandec) at the Swiss Federal Institute of Aquatic Science and Technology (Eawag) in Zurich. He has been working for almost 20 years in the area of environmental management and urban sanitation and has been involved in several publications, including the 'Compendium of Sanitation Systems and Technologies' and 'Sustainable Sanitation in Cities'.

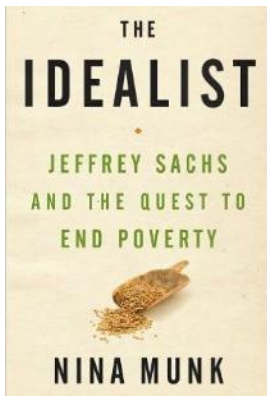




Faecal Sludge Management

L. Strande et al, IWA Publishing, 2014

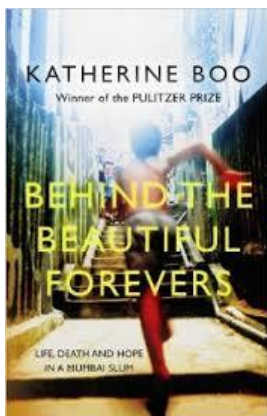
'This is the first ever overview of state-of-the-art technologies in faecal sludge management. It is broken down into three clear sections – technology, management and planning – and outlines the basics for everyone involved in urban sanitation.'



The Idealist – Jeffrey Sachs and the Quest to End Poverty

N. Munk, Doubleday

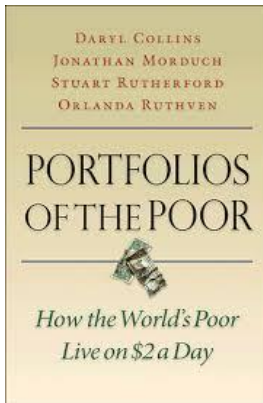
'This is a highly amusing description of Sachs' global campaign to end poverty. It explains why the region is now poorer than ever despite the fact that \$700 billion has been poured into Africa over the past 40 years.'



Behind the Beautiful Forever – Life, Death and Hope in a Mumbai Slum

K. Boo, Portobello Books

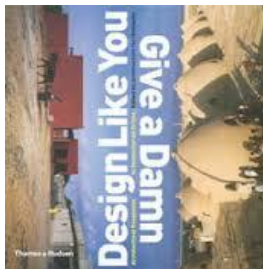
'Investigative journalism meets documentary novel: a very vivid and realistic description of day-to-day life in the Annawadi slum near Mumbai airport based on the four years that the author spent living there herself.'



Portfolios of the Poor – How the World’s Poor Live on \$2 a Day

D. Collins et al, Princeton University Press

This book tackles the issue of poverty and ways out of it. It analyses the financial transactions of poor families in India, Bangladesh and South Africa in minute detail over a period of a year and takes a critical look at possible ways out of the poverty trap through microfinance and savings clubs.



Design Like You Give a Damn

Architecture for Humanity, Thames & Hudson

‘A compendium of innovative projects from around the world illustrates what good design can do to improve living conditions – from ecotoilets to self-builds.’

Feedback and comments

We value your feedback. Please contact us if you have any general comments, suggestions or contributions for future editions.

Contact | Robert Gensch | robert.gensch@germantoilet.org