

Summary: The greywater management manual contains comprehensive information on greywater characteristics, appropriate treatment technologies, options for safe reuse and also discusses the important issue of maintenance. It compiles case studies from all over the world with different levels of complexity, ranging from simple technologies on household level to rather complex treatment systems for neighbourhoods. The case study documentation includes information on design, costs as well as practical experience and lessons learned.

Application Within the Planning Process:

Step 5: Identification of Service Options

Related Tools:

T15 Compendium of Sanitation Systems and Technologies

T19 Surface Water Drainage Manual

Purpose This tool not only helps you to understand the characteristics of greywater and options for its management, it also facilitates the informed decision-making for greywater solutions. Although design principles and construction plans are provided in this document, it is not a design manual for greywater management systems. However, the tool provides guidance during the pre-selection of greywater management schemes.

How to use this tool? This manual on greywater management in low and middle-income countries (**Document D18.1**) includes

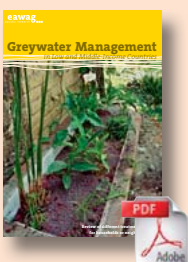
- information on greywater sources, quantities, properties and related risks (Chapters 2 and 3, pp. 5-16),
- a comprehensive description of the main components for successful greywater management (Chapter 4, pp. 17-20),

- a compilation of low-cost management, treatment and reuse/disposal options for household and neighbourhood level applications (Chapter 4, pp. 20-50) and
- examples of greywater management systems from different parts of the world (Chapter 5, pp. 51-84).

Prior to soliciting expert advice for design you can use Chapter 4 of the manual for pre-selecting greywater management schemes which are adapted to the specific requirements of your setting.

If you are concerned with systems for the management of wastewater fractions other than just greywater, Tool T15 will be of use. For information regarding surface water drainage, see T19.

Resources



Document D18.1:

Morel, A. and Diener, S. (2006). *Greywater Management in Low and Middle-Income Countries*. Eawag. Dübendorf, Switzerland.

[D18.1.pdf](#)