

BASICS OF WASTEWATER

16.4. – 14.5.2018

Decentralized Wastewater Management
for Adaption to Climate Change in Jordan

e-Learning – Course Announcement

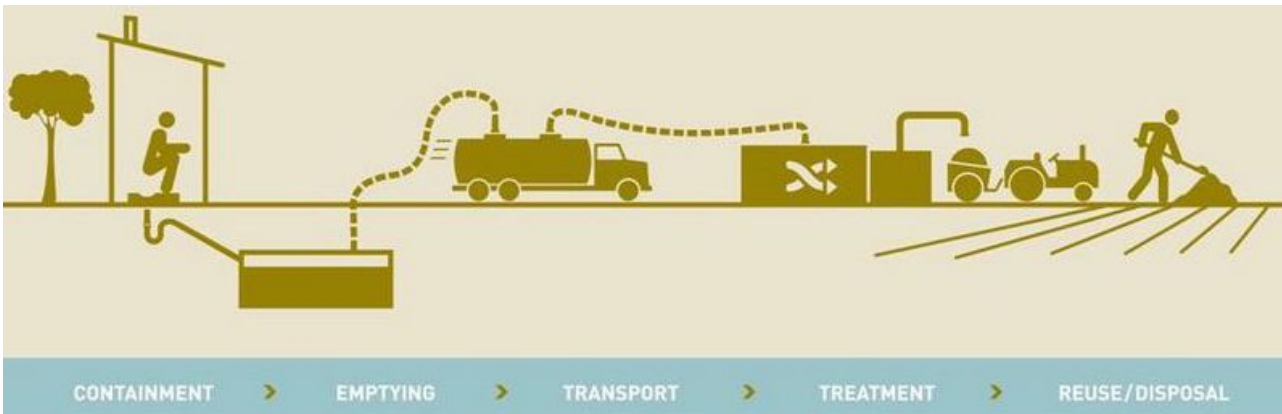
Margraf Publishers Verlagsgesellschaft mbH
Scientific Books and e-Media
Kanalstr. 21
97990 Weikersheim, Germany
t (0 79 34) 30 71
f (0 79 34) 81 56
inbox@margraf-publishers.com
www.margraf-publishers.com

Decentralized Wastewater Management for
Adaptation to Climate Change (ACC
Project)
Deutsche Gesellschaft für Internationale
Zusammenarbeit (GIZ) GmbH
P.O.Box 92 62 38
Mohamed Bassem Al - Khamash Str.13
11190 Amman, Jordan
T +962-6-5659206-119
F +962-6-5868090-101
M +962-79-5668819
www.dwm-acc-jordan.net

BORDA e.V.
Am Deich 45
D-28199 Bremen, Germany
T: +49.421.40 89 52-0

Regional office Amman:
t.reck@borda.de
sophiavondobschuetz@googlemail.com





The GIZ-Project «**Decentralized Wastewater Management for Adaption to Climate Change in Jordan (ACC-Project)**» is pleased to announce an **e-Learning course program** for professionals from Jordan and other countries.

Two E-learning courses («**Basics of Wastewater**» and «**How Treatment Technologies Impact the Climate**») will give answers to the many questions on Decentralized Wastewater Management (DWWM) in Jordan in a participative, learner-centered and practice-oriented way.

We are happy to inform you that the first course **Basics of Wastewater** will be **online between 16. April – 14. May 2018**. You can apply for the course here:

<http://www.dwm-acc-jordan.net/application>

Please notice that the **application is possible** from today on, but **only until/within 5. April, 2018**.

About this course

«**Basics of Wastewater**» is structured into the 4 modules

- ✓ **Introduction and Background**
- ✓ **Wastewater Management**
- ✓ **Interface, Collection and Conveyance**
- ✓ **Wastewater Treatment Technologies**

which serve as an **introduction to wastewater**, seen from a more **decentralized perspective**.

Each Module has 3 to 4 lessons and these lessons are divided into pages with definite topics. The lessons are complete units for an overview and give also additional materials for those, who want to go deeper into one or more topics. Videos are provided to summarize the lesson or to show a particular aspect. **Webinars** (every week during the course-period) deepen the content and allow questions and exchange between the participants.

Questions and exchange are as well possible through discussion groups within different media. **Self-tests** after every module give the participant an overview of how well the content has been digested. **E-tutors** accompany the participants and stimulate discussion and mutual exchange. This will be done as well through assignments, which will be worked on in groups.

Please learn more on the courses and on the technical/organizational prerequisites to join a course on our website:

<http://www.dwm-acc-jordan.net/capacity-development/capacity-development-201819/e-learning-courses/>



Who is this class for

Given that wastewater management involves multi-disciplinary professions, there is a necessity for collective engagement of **professionals from different institutions and entities** in capacity development like this E-learning Program. The interest of the participants and their engagement remain the key motivation and success factor for the course. Thus, the ACC Project intends to engage all professionals, including researchers, scientists and others in the capacity development activities as long as applicants are highly interested in wastewater management and have a background or scope of work related to water and wastewater.

However, as the courses are also focusing on technical aspects, the E-learning Program shall **mainly be targeted at engineers**; with flexibility to keep the doors open to non-engineering participants interested as well to participate.

The ultimate objective of this E-learning Program is to create a **national pool of expertise** in different domains related to decentralized wastewater management (DWWM) so that Jordan becomes confident in implementing and scaling up the decentralized sanitation approach in a sustainable manner.

Authors and Trainers

The content of the e-Learning courses has mainly been compiled by **Hans Hartung** (Margraf Publishers), based on the Compendium by EAWAG, by SuSana.org and the «Sustainable Sanitation and Water Management Toolbox» published by SSWM.

Sophia v. Dobschuetz (on behalf of BORDA) collected the **practical aspects** of the planning and realization process of Decentralized Treatment Plants and the local requirements for Wastewater Treatment and Reuse in Jordan.

Experienced trainers will guide the participants through the course. The language of the training is **English**.

Courses

Both e-learning courses are designed for a **total learning time of 4 weeks each** as extra-occupational capacity development courses. Beside their daily work, participants should therefore calculate with 1 hour per day to browse through the reading material, exchange and develop their assignments. Beside the interactive presentation of the learning content, the course includes **Webinars, Multiple Choice Tests** and **Exchange Forums** for a collaborative group work, available during the course periods (and also afterwards for registered participants of the courses).

All elements of the e-Learning courses are accessible on **mobile devices** (Smartphones or Tablets) as well as on PCs or Apple Macintoshes. Please learn more on the technical backgrounds on our webpage www.dwm-acc.jordan.net.



Certificates

Successful participants receive certificates issued by the institutions which offer the courses. There are two types – a certificate for successful attendants at the e-Learning courses and a «full» certificate for those who took part in the e-Learning courses AND at the face-to-face courses or study-visits organized by BORDA on behalf of the ACC-project.

Please notice that a successful participation to at least one of the two e-learning courses is required to get invited for the face-to-face courses and/or the study-visit.

In order to claim for a certificate, participants of the e-Learning courses have to

- ✓ Join at least two interactive webinars per course,
- ✓ Successfully complete a Multiple-Choice Test (at least 60%) after each course,
- ✓ Complete an assignment (group work),
- ✓ Actively take part in the working groups.

For further information refer to the website <http://www.dwm-acc-jordan.net>

Until to 5th April 2018, you can apply for the next course «Basics of Waste Water» (16.4. – 14.5.2018) here:

<http://www.dwm-acc-jordan.net/application>
