

# HOW TREATMENT TECHNOLOGIES IMPACT THE CLIMATE

*Decentralized Wastewater Management  
for Adaption to Climate Change in Jordan  
(ACC-Project)*

e-Learning – Course Announcement  
15.10. – 12.11.2018

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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**») 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 second course **How Treatment Technologies Impact the Climate** will be **online between 15. October – 12. November 2018**. You can apply for the course here:

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

Please notice that an **application is possible** from 17.9.2018 on, but **only until/within 8. October, 2018**.

## About this course

The course «**How Treatment Technologies Impact the Climate**» is structured into the 4 modules

- ✓ **Sludge Treatment**
- ✓ **Operation & Maintenance**
- ✓ **Reuse of Wastewater & Sludge**
- ✓ **Adaptation to Climate Change in Jordan**

This second course serves as an extension to the first course (Basics of Wastewater), highlighting the influences of **treatment technologies on the climate** and giving some examples for the **reuse of treated effluents**.

Each Module consists of 2 to 3 lessons; each lesson is divided into pages with definite topics. The lessons are complete units for an overview and offer also additional materials for going 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 exchanges are as well possible through discussion groups within different media. **Self-tests** after every module give the participants 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

- ✓ **Successful participants** of the first e-Learning course (Basics of Wastewater).
- ✓ **Professionals** from different institutions and entities related to **wastewater and/or climate adaptation and mitigation**.
- ✓ The content of the E-learning Program is **mainly meant for at engineers** with flexibility to keep the doors open to non-engineering participants interested as well to participate.

## 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](http://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.

**Ahmad Sobh** (GIZ Jordan) will conduct some of the webinars and provide content to highlight the practical implementation of reuse practices following the latest legal requirements in Jordan.

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

## Courses

The e-learning course is designed for a **total learning time of 4 weeks** on extra-occupational basis. Beside their daily work, participants should 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](http://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 course on behalf of the ACC-project.

Please notice that a successful and active participation to the course is required to claim a certificate:

- ✓ Join at least two (out of total four) interactive webinars,
- ✓ Successfully complete a Multiple-Choice Test (at least 60%),
- ✓ 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>

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Until to 8th of October 2018, you can apply for the course «**How Treatment Technologies Impact the Climate**» (15.10. – 12.11.2018) here:

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

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