

# REGULATIONS OF DWA UNIVERSITY CHALLENGES

## 1. University challenge

A university challenge has to consist of at least three teams from at least three universities. A jury consisting of university professors or professionals with at least 5 years of professional experience carries out the evaluation. It is recommendable to determine an organization team to organize the event, the jury and the tasks, the registration of students, and the prizes and possible sponsors.

At least three prizes need to be foreseen for the best three winning teams. The prizes can consist of presents or trips to technical events. Subject to availability of resources, the DWA UC working group will support the best team of an UC in order to participate in the World UC at IFAT Munich.

## 2. Teams

A university challenge has to consist of at least three teams. Each team consists of three persons. Upon registration, each team has to determine a name and the place of origin.

The teams cannot change during the university challenge (UC). Should one team member leave the team or fail to turn up, the jury will determine whether the team can also participate as a team of two. Single persons cannot participate in an UC.

## 3. Requirements for participation

The participants should be Bachelor or Master students in the disciplines water management, waste management, civil engineering, environmental engineering, or related disciplines. PhD students are not allowed to participate in the UC.

## 4. Tasks

The tasks of the challenge have to be described clearly. The tasks should test the students' understanding of integrated systems from water, wastewater and waste management. They should have a playful character. Moreover, the tasks should be selected having in mind that photos will be taken. So spectators should be able to be attracted by the tasks optically. One of the tasks should be the DWA's IWRM game.

At least 2 - 4 tasks have to be completed. Each one should take not more than one hour. For the World UC, the time for each team is three hours. Two tasks will take one hour each, and two tasks will take 30 minutes each.

## 5. Evaluation

The jury (at least one person) must judge each task. Two persons should evaluate the IWRM game.

The evaluation criteria have to be described for each task. Examples of such criteria are time, integrated approach, understanding of water, wastewater, waste management; other aspects of technical understanding and knowledge, presentation skills, teamwork.

A point evaluation system for the tasks will be shared and agreed upon between the jury and the organizing team. The winners are the teams with the highest scores. The evaluation has to be documented for each team.