

Implementation of SDGs at the Faculty of Psychology

6. Clean Water and Sanitation

6.3. Water usage and care

6.3.4. Water-conscious building standards



Biopore Infiltration Hole and Rain Ground Tank System



Water-saving Washbasin



Water-saving Toilets

Description:**Faculty of Psychology is implementing water-conscious building that can be proven by:**

1. Using a Rain Ground Tank System so that rainwater will naturally be absorbed into the ground. We use this system to compensate for the area that cannot naturally absorb water because there are buildings built above the ground. By doing this we utilize the natural water cycle, so the rainwater can be contained and absorbed optimally.
2. The Faculty of Psychology UI has several biopore infiltration holes scattered around the buildings, this is intentionally done to expand the area of water absorption, as a treatment for organic waste, and to improve soil health. Soil moisture is quite well maintained, especially during the dry season thanks to biopore infiltration holes. During the rainy season, several buildings that are on a lower surface tend to have the potential for waterlogging, the biopores around the building help effectively in dealing with puddles that may occur. Biopore infiltration holes also help manage organic waste that has accumulated over a certain period.
3. In the Faculty of Psychology's toilets, we use several water-saving equipment, such as a manual valve that will pour enough water when the button is pressed and stop when it is not. We also use touchless faucets that will automatically stop pouring water, this is used to prevent wasting water because of forgetting to turn off the faucets. Below is the percentage of water-saving equipment used in the Faculty of Psychology.

Facility	Number	Number of water-saving equipment	Percentage
Toilet	45	35	77.7.%
Washbasin	56	42	75%
Average			76.35%

Evidence Link:

1. <https://psikologi.ui.ac.id/greenmetric/>