

THE Impact Rankings Questionnaire

University : Universitas Indonesia
Country : Indonesia
Web Address : ui.ac.id

[6] SDG6: Clean water and sanitation

[6.5] Water in the community

[6.5.3] Off-campus water conservation support

Universitas Indonesia supports water conservation off-campus by organizing the following programs: 1. As an act of community service, Universitas Indonesia plants bamboo trees in Cibeureum Village, Cisarua, Bogor. Universitas Indonesia ran a water conservation program to preserve nearby ecosystems by planting bamboo trees. 2 River Adoption Program, MAPALA UI planted trees and held a competition with Ciliwung as the main focus. MAPALA UI also organized an event called River Adoption, in which they encourage the community to keep the area around the river clean. 3 Universitas Indonesia invented a method called the resistivity method to quickly find clean water sources. This method helped people find a spot of a potential well as a water source that is near their village



Universitas Indonesia plants bamboo trees

Description:

1. Universitas Indonesia plants bamboo trees in in Cibeureum Village, Cisarua, Bogor

As an act of community service, Universitas Indonesia plants bamboo trees. Universitas Indonesia ran a water conservation program to preserve nearby ecosystems by planting bamboo trees. Bamboos are among the plants that are effective in conserving water. This activity was done in an

upstream area with steep slopes in Cibereum Village, Cisarua, Bogor, West Java. It was a collaboration between the Directorate of Research and Community Engagement UI (Direktorat Riset dan Pengabdian Masyarakat UI) and Urban Development Studies from School of Strategic and Global Studies Universitas Indonesia (Kajian Strategik Global Universitas Indonesia), which is supported by the Geography Department of Faculty of Science Universitas Indonesia and Rungkun Awi Community to fulfill the needs of people living in the area who struggle each day to find clean water.

Evidence Link:

<https://www.brilio.net/creator/pengabdian-masyarakat-universitas-indonesia-lakukan-penanaman-bambu-0bf6a3.html>



Description:

2. River Adoption Program, MAPALA UI planted trees and held a competition with Ciliwung as the main focus

Ciliwung river is one of the water conservation facilities as well as water storage in the UI campus area. Unfortunately, with the population growth around the river, Ciliwung's water condition worsened due to lack of maintenance.

College students who are a part of Outdoor Enthusiasts Club (Mahasiswa Pecinta Lingkungan - MAPALA UI) did several activities to help the conservation of Ciliwung's water so that it can be used by the community who live nearby. MAPALA UI also organized an event called

River Adoption, in which they encourage the community to keep the area around the river clean.

Another activity in this event is planting 1.000 trees on Ciliwung's riverbank in hope that it also helps in conserving Ciliwung's water.

Evidence Links:

1. <https://www.ui.ac.id/mapala-ui-tanam-1000-pohon-di-hulu-ciliwung/>
2. <https://www.merdeka.com/peristiwa/program-riveradoption-mapala-ui-tanam-pohon-dan-gelar-lomba-bertema-ciliwung.html>



Description:

3. Students from the Physics Department, Faculty of Science UI Invented A Method to Quickly Find Sources of Clean Water

Some people still struggle to find clean water to this day, especially those who live in villages that do not have a clean water source. To help these people, students from the Faculty of Mathematics and Natural Sciences Universitas Indonesia invented a method called the resistivity method to quickly find clean water sources.

The resistivity method can help predict the exact location of aquifers. This method helped people find a spot of a potential well as a water source that is near their village. This resistivity



method can accurately pinpoint the spot of a water-bearing underground layer, so it can minimize water drilling funds, without drilling the wrong spots.

Evidence Links:

1. <https://www.sci.ui.ac.id/mahasiswa-fmipa-ui-ciptakan-metode-cepat-temukan-sumber-air-bersih/>
2. <https://www.tribunnews.com/tribunners/2018/08/14/mahasiswa-ui-ciptakan-metode-efektif-untuk-temukan-sumber-air-bersih>