# The Impact Rankings Questionnaire

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

**[6] SDG6: CLEAN WATER AND SANITATION**
**[6.3] Water usage and care**
**[6.3.2] Preventing water system pollution**

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| IPAL, the Solution for Kali Item's Recovery from Pollution | Microfilter Technology for Reducing Microplastic Concentration in Wastewater | Revitalizing UI's Six Lakes |
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| Monitoring and Evaluating the Environment Quality Kualitas in UI's Campus Area in Relation to SDGs No. 6 & 14 | UI's BlueMetric Evaluates Seawater Quality in Banyu Biru Village, Banten | UI's Vocational Programme's Community Service at Citarum's Ground Zero |

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| Ciliwung River Bank's Community Development Through Waste Management and Plants Cultivation | LabTek Apung: Floating Engineering Laboratory | Universitas Indonesia helps Depok's Local Government Solves Sanitation Problems |

**Description:**

Universitas Indonesia has a system to prevent polluted water to enter the water system by using waste water management and microfilter . Water pollution is caused by domestic and industrial wastewater, damaged water absorption areas, and settlements around river banks, lakes, and the sea. To solve water pollution in the campus area, Universitas Indonesia conducts environmental monitoring and evaluation. From the result, UI received Environmental Documents (*Dokumen Lingkungan Hidup*) in the form of Environmental Evaluation Document (*Dokumen Evaluasi Lingkungan Hidup* (DELH)) and Environmental License from Depok and Jakarta's BLH (Environmental Agency). The Monitoring of Environmental Management Plans (*Rencana Pengelolaan Lingkungan Hidup* (RKL)) and Environmental Monitoring Plans (*Rencana Pemantauan Lingkungan Hidup* (RPL)) by Universitas Indonesia must be reported to instances in charge of environmental management at the Capital, Provincial, and City levels. The report on RKL and RPL's execution is a form of responsibility to disclose true and accurate information regarding activities surrounding environmental management and monitoring and also fulfilling people's rights to get environmental information and to take part in environmental management. The monitoring and evaluation of environmental quality in this sense is important, especially the quality of surface water and clean water.

Meanwhile, to solve water pollution outside the campus, Universitas Indonesia comes up with technology innovations that can measure and solve water pollution such as the microfilter technology, which reduces microplastic concentration in wastewater, and UI BlueMetric that measures the quality of seawater. Universitas Indonesia takes action on the matter by doing activities such as forming *Kelompok Anti Sampah* (anti-waste group) that helps in removing pollutants to revitalize Citarum's river area and conducting community development in Pondok Jaya sub-district through education and cleaning Ciliwung. UI also developed education programs such as the Floating Engineering Laboratory whose intention is to remind the local community that wastewater from showering, washing, etc pollutes the river.

**Evidence Links:**

1. https://megapolitan.kompas.com/read/2018/07/27/16343671/pakar-ipal-solusi-pemulihan-pencemaran-kali-item?page=all
2. https://tekno.tempo.co/read/1268859/mahasiswa-ftui-ciptakan-tekonologi-mikrofilter-pengurang-limbah
3. https://news.okezone.com/read/2015/12/15/65/1268226/merawat-kembali-enam-danau-ui
4. https://k3l.ui.ac.id/konservasi-perairan-dan-lingkungan-pemantauan-dan-evaluasi-kualitas-lingkungan-kawasan-kampus-ui/
5. https://www.ui.ac.id/ui-bluemetric-evaluasi-kualitas-air-laut-di-desa-banyu-biru-banten/
6. https://manado.kompas.com/read/2018/10/04/17273461/pengabdian-vokasi-ui-di-titik-nol-citarum
7. https://theconversation.com/labtek-apung-cara-santai-mengenalkan-sains-untuk-warga-bantaran-ciliwung-melalui-getek-126331
8. https://pingpoint.co.id/berita/universitas-indonesia-bantu-pemerintah-depok-atasi-masalah-sanitasi/