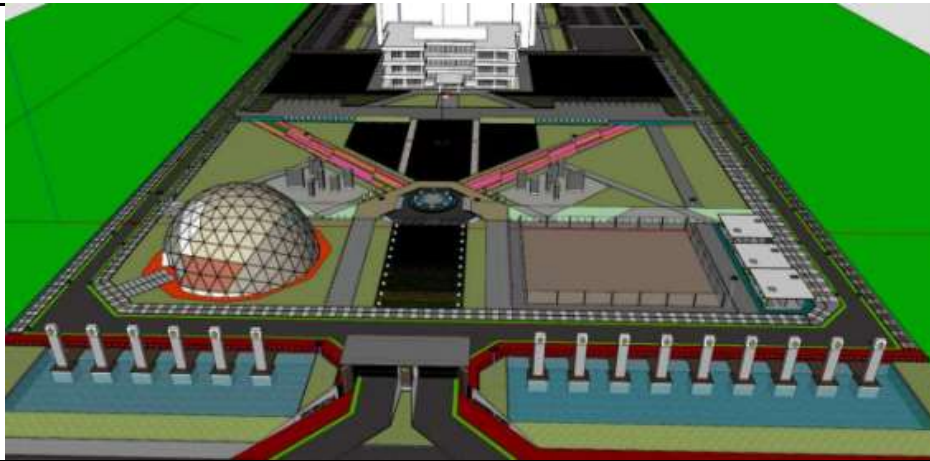


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[4] Water (WR)

[4.1] Water Conservation Program Implementation



3D Image of USU Retention Pool Construction Plan



Construction of the USU retention pond is currently underway, starting on July 23 2023 and is expected to be completed in December 2023

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Infiltration Pool at USU Campus (near the Central Library)

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Country : Indonesia
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Infiltration Pool at the Faculty of Agriculture

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Mini Infiltration Pools at the Faculty of Engineering, the Mosque of the Faculty of Pharmacy, and the Tri Dharma Education Forest

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Infiltration Pool in the Tambunaan A Experimental Garden Area



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Embung in Kuala Bekala Campus Area

Description

1. USU retention pond with a total volume of 9,450 m³, can hold water during rainfall moderate to heavy up to 3 hours duration. To optimize the function of the pool as a flood controller, it is equipped with a pump.
2. USU has several infiltration ponds, bio pore, infiltration wells, and reservoirs that are useful for water conservation on campus. The infiltration ponds are located in the Central Library, Faculty of Agriculture, Faculty of Engineering, Faculty of Pharmacy, TriDharma Educational Forest, and the Tambunan A Experimental Garden. The infiltration pond in the Tambunan A Pilot Garden has an area of about 1 hectare and has a storage volume of 35,000 m³, while the reservoir at the Kuala Bekala Campus has an area of about 5 hectares and has a storage volume of 500,000 m³.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

<https://www.usu.ac.id/id/berita/atasi-banjir-usu-pemko-medan-bangun-kolam-retensi->

<https://greencampus.usu.ac.id/index.php/id/green-campus/bidang/bidang-air>