



1. **Bio pores Garden and Infiltration Wells**

Infiltration wells help infiltrate rainwater into the ground to reduce runoff that enters the main drainage channel. The capacity and number of infiltration wells at the UNPAD Jatinangor campus are two infiltration wells located on the old Geology campus and FTIP and 30 bio pore holes in front of the garden of the general medical faculty, Bale Aweuhan Park (UNPAD Grand Mosque), and the front garden of BNI bank UNPAD.



Bio pores Garden in front of the UNPAD Grand Mosque

2. Bio drainage Arboretum



Biodrainage Arboretum UNPAD which functions to hold and absorb surface runoff water to the western part of the UNPAD campus

The Arboretum area has a function as a green area at the UNPAD Jatinangor campus and as a water catchment area. Rainwater that falls in the western part of the UNPAD Jatinangor campus area, as depicted in Figure 2, is channeled to the arboretum area. In this area, the surface runoff flow is retained and absorbed into the soil; the rest flows to the check dam arboretum.

3. Arboretum Check Dam

The UNPAD Arboretum check dam area has an area of about 0.7 ha with a water capacity of approximately 14000 m³. This check dam is the last outlet point of the western part drainage area of the UNPAD campus that serves to restrain the flow of surface runoff and provides an opportunity for water to seep into the ground

