



## Template for Evidence(s) UI GreenMetric Questionnaire

University : Allama Iqbal Open University  
Country : Pakistan  
Web Address : [www.aiou.edu.pk](http://www.aiou.edu.pk)

### [4] Water (WR)

#### [4.1] Water Conservation Program Implementation



**Water canals have been constructed to conserve rainwater and used water**



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**Water Conservation in GroundWater Tanks at AIU**



**Used Water is saved and re-used**



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**Forest Lake at AIOU for Water Conservation**



**Water Conservation in Rain harvest Wells for water recharge at AIOU**



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[Pani Zindgi hy song | importance of water | AIOU](#)



[Pani nahi zindagi hy hamari | the importance of water](#)

### Public awareness program on smart water usage

#### Description:

1. AIOU has constructed three water recharge wells at the campus with the technical assistance of the PCRWR team in 2021. These wells are fully operational and play their role in recharging depleted zones of underground water. Maximum rainwater is being harvested from catchment areas and sent back to underground from aquifer recharge.
2. Rain water collection points are installed at main campus and some of the regional campuses where collected rain water from the roofs of the buildings is discharged into the local ponds and canals around the buildings. The rainwater collected is used mainly for toilet flushing and for watering the plants inside the building and washing buses.
3. AIOU plays an active role in creating mass awareness on water conservation.

Additional Links: <https://www.youtube.com/watch?v=H4kVmG4Zlj4>  
<https://www.youtube.com/watch?v=VvY4AaclyIE>

[http://oric.aiou.edu.pk/?page\\_id=2226](http://oric.aiou.edu.pk/?page_id=2226)

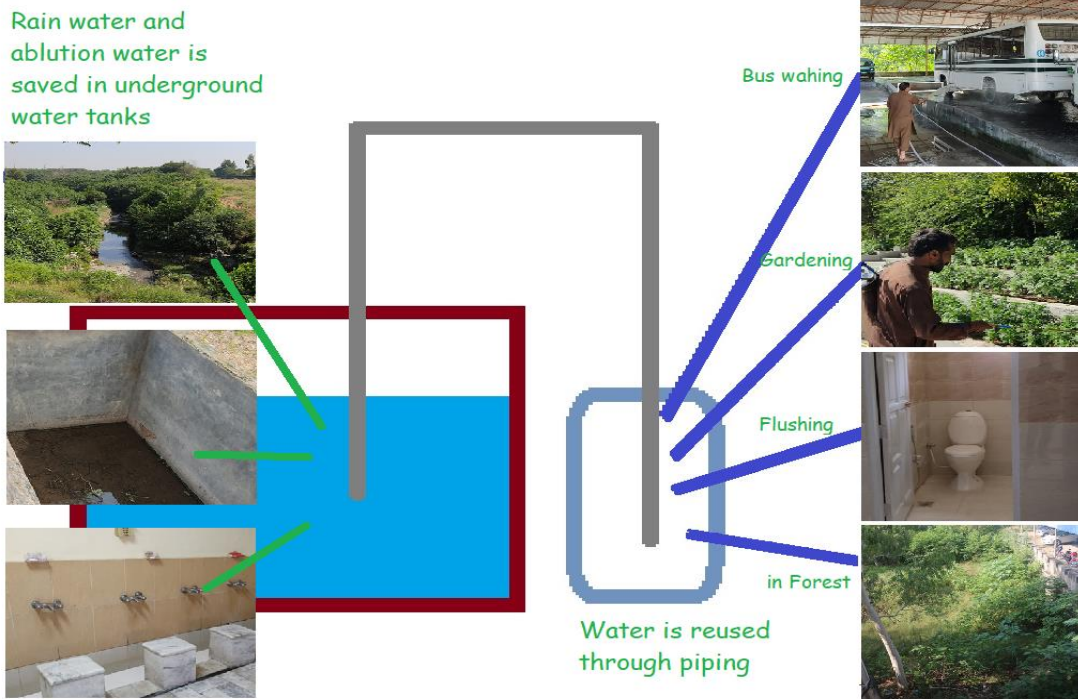


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### [4] Water (WR)

#### [4.2] Water Recycling Program Implementation



#### Water Recycling Program Implemented at AIUO



Conserved rainwater is used for garden sprinkler system, toilet flush, cooling system and used in forests.



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**Used Water is saved and re-used**

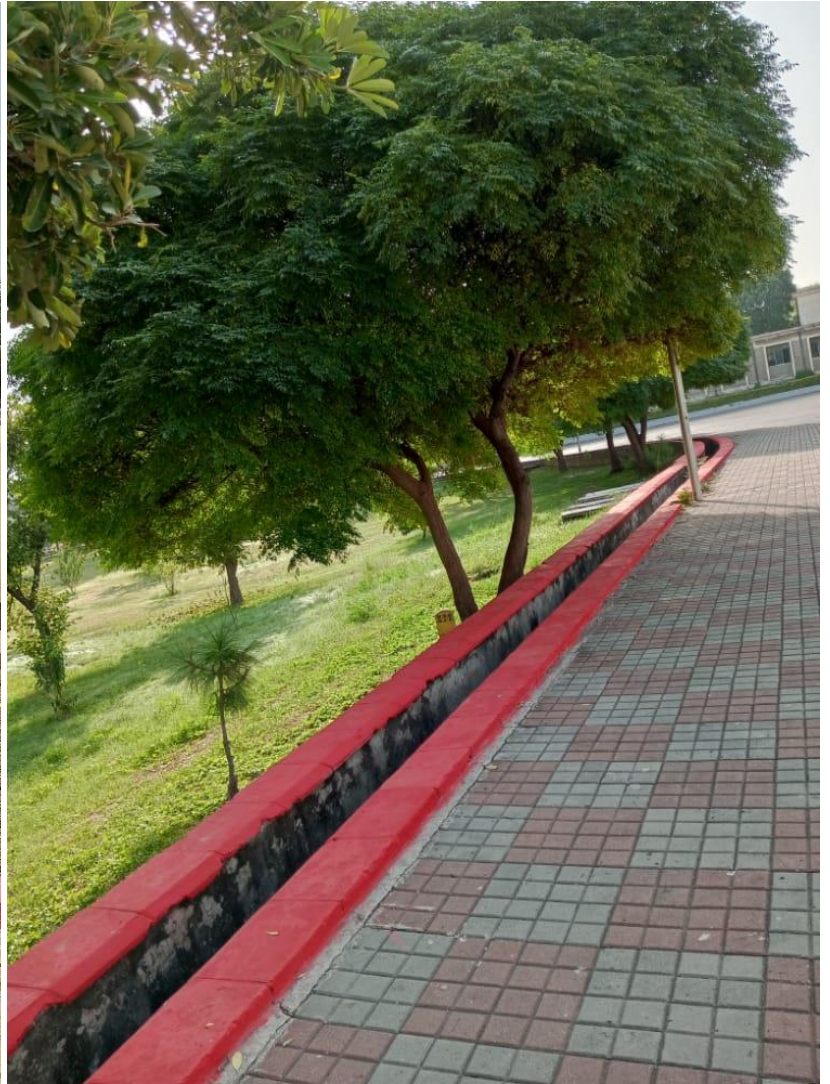


**Water filtration Systems are installed. Stored water is filtered and used for drinking**



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**Recycled water is used for watering plants and other gardening purposes**

### **Description:**

1. A water meter is installed to measure the amount of rainwater that has been used. More than 60% of used water is recycled and re-used.
2. The recycled water is also use for garden sprinkler system, toilet flush, cooling system and used in forests.
3. Water filtration Systems are installed. Stored water is filtered and used for drinking
4. Rainwater Harvesting Sites have been developed for groundwater recharge

[http://oric.aiou.edu.pk/?page\\_id=2221](http://oric.aiou.edu.pk/?page_id=2221)



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### [4] Water (WR)

#### [4.3] Water Efficient Appliances Usage (e.g. hand washing taps, toilet flush, etc.)



Water Efficient Appliances Usage at AIOU

#### Description:

1. Automatic Taps are installed in newly constructed buildings and renovated washrooms which has reduced the water usage
2. Toilet tanks with 4.5 L/Flush have been installed to save on water usage.
3. Showers with lower speed i.e. 9L/min have been installed in hostels, guest house and AIOU colony flats.
4. Most of washing machines being used at residential colony are manual which use lesser water as compared to normal automatic washing machines.

#### Details of water efficient appliances being used at AIOU main campus

Appliance	Total Number	Total number water Efficient appliances	Percentage
Washbasins	184	128	69.57
Taps	184	104	56.52
<i>i. Low Flow Taps</i>	42	42	100
<i>ii. Automatic taps</i>	62	62	100
Toilet tanks	162	112	69.14
Showers	48	28	58.33
<i>i. Low flow showers</i>	28	28	100
Washing Machines	64	52	81.25
<i>i. Energy efficient Automatic washing Machines</i>	22	22	100
<b>TOTAL</b>	<b>642</b>	<b>424</b>	<b>66.04 %</b>

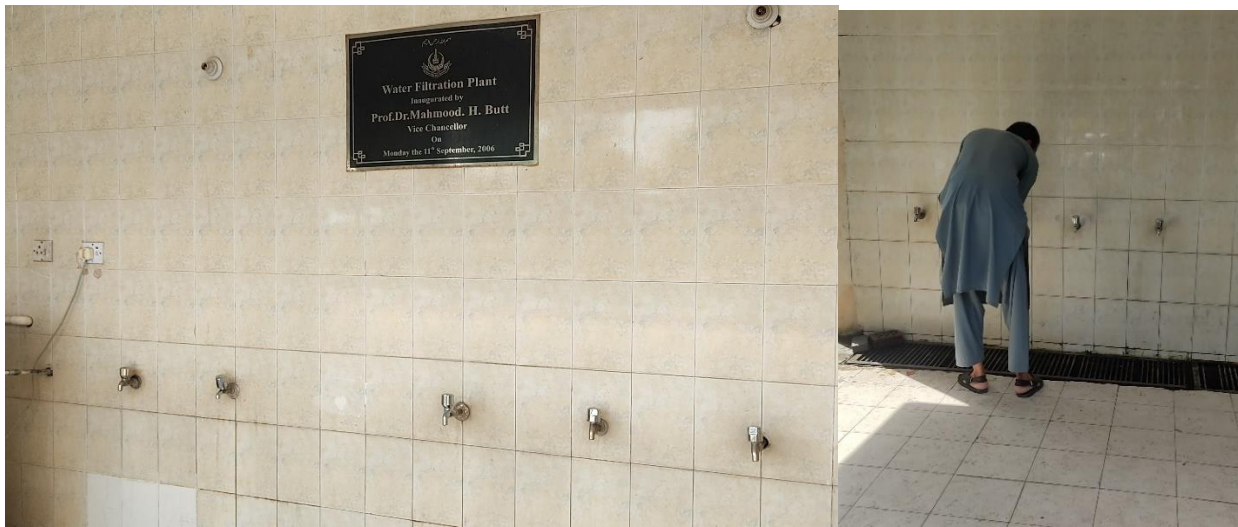


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### [4] Water (WR)

#### [4.4] Consumption of treated water



**Water filtration plants are installed and treated water is used for drinking**



**Treated water is saved in underground water tanks and is used for gardening**



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**Treated water is used in toilet flush**



**Treated water is used in botanical Garden**



**Treated water is used in construction**



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### **Description:**

1. More than 80% of treated water is utilized for various activities as mentioned below:
  - a. Water filtration plants are installed and treated water is used for drinking
  - b. Treated water is saved in underground water tanks and is used for gardening
  - c. Treated water is used in construction
  - d. Treated water is used in toilet flush
  - e. Treated water is used in botanical Garden
  - f. Treated water is used for construction requirements

[http://oric.aiou.edu.pk/?page\\_id=2214](http://oric.aiou.edu.pk/?page_id=2214)



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### [4] Water (WR)

#### [4.5] Water pollution control in campus area



#### **Description:**

1. All the water spots are always well maintained and are kept free of any kind of pollution through its Estate Department.
2. All underground water tanks are completely separated from septic tanks.
3. All overhead tanks are fully covered and are not exposed to any kind of pollution.
4. Hostels, canteens and kitchens are instructed to not pour fat, grease and oil from cooking down the sink.
5. Disposal of Toxic Chemicals is done properly as per devised SOPs.
6. Under the initiative of "Say no to Plastic Bags", water pollution is controlled.
7. Throwing garbage into stream, lake or water channels is strictly prohibited and fine is implemented for not abiding the rule.



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### **Policy Statement of AIOU for water Pollution Control:**

Allama Iqbal Open university has overall Pollution Control Policy which states that:

“Toxic and hazardous waste can shall not be dumped in the university water system by any means. University lake and stream shall not be used for waste disposal. No kind of pollution shall be tolerated in the university premises and the culprits shall be fined heavily if found guilty.”

[http://oric.aiou.edu.pk/?page\\_id=2210](http://oric.aiou.edu.pk/?page_id=2210)