

- **Tertiary Treatment:** offers reusability options such as disinfection, filtration, and advanced oxidation to further purify the water for reuse in industrial processes or irrigation. Evidence can be water quality test results or system descriptions showing advanced filtration and disinfection processes that remove remaining impurities and pathogens before discharge.

3.18. Planning, implementation, monitoring and/or evaluation of all programs related to Waste Management through the utilization of Information and Communication Technology (ICT) (WS.7)

Please provide information regarding planning, implementation, monitoring, and/or evaluation of all programs related to waste management through the utilization of ICT on campus. We recommend dashboard to input your Waste data. Please select one of the following options

- [1] None
- [2] The program is currently in the planning stage
- [3] Program has been implemented
- [4] Program has been implemented and evaluated
- [5] Program has been implemented, evaluated, and is currently revised

Evidence is required

3.19. Impact of Waste Management programs in supporting the Sustainable Development Goals (SDGs).

Please indicate the extent to which your university's Waste Management (WS) programs contribute to the achievement of the UN Sustainable Development Goals (SDGs). Select the option that best reflects the number of SDGs directly supported by these programs. Please select one of the following options

- [1] Low impact (supporting 1–2 SDGs)
- [2] Moderate impact (supporting 3–5 SDGs)
- [3] Significant impact (supporting 6–9 SDGs)
- [4] High impact (supporting 10–13 SDGs)
- [5] Very high impact (supporting 14–17 SDGs)

Evidence is required

4. Water (WR)

Water usage on campus is another important indicator in the UI GreenMetric. The aims are to encourage universities to decrease groundwater usage, increase water conservation programs, and protect habitats. Water conservation programs, water recycling programs, water-efficient appliances usage, and treated water usage are among the criteria.

4.1. Water conservation program and implementation (WR.1)

Please select a condition describing your current stage in a program that is systematic and formalized, and supports water conservation (i.e., for lakes and lake management systems, rain harvesting systems, water tanks, bio pore, recharge well, etc.) in your university, from the following options. The evidence provided may also include campus maps showing the location, area size, or distribution of facilities relevant to the indicators.

- [1] None. Please select this option if the conservation program is needed, but nothing has been done.
- [2] Program in preparation
- [3] 1 - 25% water conserved
- [4] > 25 - 50% water conserved
- [5] > 50% water conserved

Evidence is required

4.2. Water recycling program implementation (WR.2)

Please select a condition that reflects the current condition of your university in establishing formal policies for water recycling programs (i.e., the use of recycled water for toilet flushing, car washing, watering plants, etc.). The evidence provided may also include campus maps showing the location, area size, or distribution of facilities relevant to the indicators. Please select an option that describes the current stage of your program:

- [1] None. Please select this option if the water recycling program is needed, but nothing has been done.
- [2] Program in preparation
- [3] 1 - 25% water recycled
- [4] > 25 - 50% water recycled
- [5] > 50% water recycled

Evidence is required

4.3. Water efficient appliances usage (WR.3)

Water-efficient appliance usage are replacing conventional appliances. This also includes the use of water-efficient appliances (i.e., using censored/automated handwashing taps, highly efficient toilet flush, etc.). The evidence provided may also include campus maps showing the location, area size, or distribution of facilities relevant to the indicators. Please select one of the following options:

- [1] < 20% of water efficient appliances installed
- [2] 20 - 40% of water efficient appliances installed
- [3] > 40 - 60% of water efficient appliances installed
- [4] > 60 - 80% of water efficient appliances installed
- [5] > 80% of water efficient appliances installed

Evidence is required

4.4. Consumption of treated water (WR.4)

Please indicate the percentage of treated water consumed from water treatment systems compared to all water sources (i.e., rainwater tank source, groundwater, surface water, etc.) in your university. The evidence provided may also include campus maps showing the location, area size, or distribution of facilities relevant to the indicators. The water source can be from the treated water installation inside and/or outside your university. Please select one of the following options:

- [1] None
- [2] 1 - 25% treated water consumed
- [3] > 25 - 50% treated water consumed
- [4] > 50 - 75% treated water consumed
- [5] > 75% treated water consumed

Evidence is required

4.5. Water pollution control in campus area (WR.5)

Please indicate the stage of your campus water pollution control to prevent polluted water from entering the water system. Polluted water on campus could include stormwater runoff contaminated with litter and chemicals, wastewater from laboratories containing hazardous substances, and drainage systems clogged with pollutants like oil and grease from parking lots. For example, the mechanism to regularly check water quality (Physical, Chemical, and biological parameters) on your campus, programs to overcome water pollution. The evidence provided may also include campus maps showing the location, area size, or distribution of facilities relevant to the indicators. Please select one of the following options:

- [1] Policy and programs for water pollution control are in the designing stage
- [2] Policy and programs for water pollution control are in the construction stage
- [3] Policy and programs for water pollution control are in the early implementation stage
- [4] Policy and programs for water pollution control are fully implemented and monitored occasionally

[5] Policy and programs for water pollution control are fully implemented and monitored regularly

Evidence is required

4.6. Planning, implementation, monitoring and/or evaluation of all programs related to Water Management through the utilization of Information and Communication Technology (ICT) (WR6)

Please provide information regarding planning, implementation, monitoring, and/or evaluation of all programs related to water management through the utilization of ICT on campus. We recommend dashboard to input your Water data. Please select one of the following options

[1] None

[2] The program is currently in the planning stage

[3] Program has been implemented

[4] Program has been implemented and evaluated

[5] Program has been implemented, evaluated, and is currently revised

Evidence is required

4.7. Impact of Water Management programs in supporting the Sustainable Development Goals (SDGs).

Please indicate the extent to which your university's Water Management (WR) programs contribute to the achievement of the UN Sustainable Development Goals (SDGs). Select the option that best reflects the number of SDGs directly supported by these programs. Please select one of the following options

[1] Low impact (supporting 1–2 SDGs)

[2] Moderate impact (supporting 3–5 SDGs)

[3] Significant impact (supporting 6–9 SDGs)

[4] High impact (supporting 10–13 SDGs)

[5] Very high impact (supporting 14–17 SDGs)

Evidence is required

5. Transportation (TR)

Transportation systems play an important role in carbon emission and pollutant levels in universities. Transportation policies that limit the number of motor vehicles on campus and encourage the use of campus buses, shared vehicles, and zero emission vehicles (i.e. bicycles, canoes, snowboards, electric vehicles (cars, motorcycles, bicycles, scooters) etc.) will encourage a healthier environment. The pedestrian policy will encourage students and staff to walk around campus and minimize the use of private vehicles. The use of environmentally friendly public transportation will decrease the carbon footprint around campus.

5.1. Number of cars actively used and managed by the university

Please indicate the number of cars operated on campus owned and managed by the university (including those outsourced to third parties). Please consider only cars with emissions (i.e. cars with combustion engines).

5.2. Number of cars entering the university daily

Please indicate the average number of cars that enter your university daily based on a balanced sample, taking into consideration terms and holiday periods. Please consider only cars with emissions (i.e., cars with combustion engines).

5.3. Number of motorcycles entering the university daily

Please indicate the average number of motorcycles that enter your university daily based on a balanced sample, taking into consideration terms and holiday periods. Please consider only motorcycles/motorbikes with emissions (i.e., motorcycles/motorbikes with combustion engines).