

URDANETA CITY UNIVERSITY PROMOTES WATER-EFFICIENT LANDSCAPING THROUGH SUSTAINABLE PLANT DESIGN

Urdaneta City University (UCU) demonstrates its commitment to environmental sustainability and water conservation by integrating eco-friendly landscaping practices across its campus. Recognizing the importance of responsible water management, UCU has adopted landscaping strategies that minimize water consumption while maintaining a green and aesthetically pleasing environment.

Sustainable Landscaping Practices

The university's landscape design emphasizes the use of drought-tolerant and native plant species, which require minimal watering once established. These plants are naturally adapted to local climate conditions, reducing the need for frequent irrigation and ensuring that the campus remains vibrant even during dry seasons. By prioritizing hardy, low-maintenance vegetation, UCU not only preserves water resources but also lowers maintenance costs.

6 CLEAN WATER
AND SANITATION



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Efficient Irrigation and Soil Management

To further enhance water efficiency, UCU implements soil conditioning methods that improve water retention, such as mulching and the use of organic compost. These techniques help prevent rapid evaporation and maintain soil moisture. Additionally, the university employs efficient irrigation systems, including drip or targeted watering, to ensure that water reaches plant roots directly, minimizing waste.

Educational and Environmental Impact

UCU's sustainable landscaping serves as a living laboratory for students in agriculture, environmental science, and related disciplines. It provides a real-world example of how landscape design can align with sustainable development principles, particularly in conserving natural resources. This initiative also reflects the university's role in promoting environmental stewardship and responsible resource use among its community members.



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