



## **Partial Measurement and Sustainable Management of Food Waste at Chirchik State Pedagogical University**

CSPU demonstrates a growing institutional commitment to sustainable food management and waste reduction. The university has implemented a partial food waste measurement system, focusing on identifying, tracking, and reusing organic waste generated from campus dining and educational facilities.

**Food Waste Monitoring:** Although comprehensive measurement across all food service areas is in progress, CSPU collaborates with its outsourced catering providers and internal departments to conduct periodic waste assessments. These assessments collect data on organic residues from student canteens and training kitchens, providing insight into consumption patterns and waste volumes.

**Sustainable Reuse and Circular Practices:** CSPU links its food waste management program to educational and research activities within the Green House and biological laboratories. Organic waste is repurposed as natural fertilizer for plant cultivation, contributing to long-term agricultural and biological research. This circular model supports biodiversity conservation and reduces environmental impact while enhancing practical learning for students.

**Awareness and Future Development:** The university actively promotes responsible food consumption through student campaigns and environmental awareness events. Future plans include installing digital food-waste monitoring systems and expanding composting infrastructure to achieve full-scale data tracking and sustainable utilization.

Through its current initiatives, CSPU successfully integrates food waste management with sustainability education, research, and green innovation. The ongoing expansion of monitoring systems will further align CSPU's practices with UN SDG 2 (Zero Hunger) and SDG 12 (Responsible Consumption and Production), reinforcing its role as a model for sustainable higher education in Uzbekistan.