



## Policy of Water Management

### Introduction

Egypt is facing an annual water deficit of around seven billion m<sup>3</sup>. The per-capita water availability is also declining over time, which will increase Egypt's food security risk. Egypt has launched its second National Water Resources Plan in 2017 with the target of saving water. One of the main elements of Egypt's Vision 2030 is the "Rationalization water usage" and "Water quality improvement".

### BUC Policy

BUC has a policy for water management which is in the same line with university's Strategic Plan for Green Campus 2025 and with Egypt's Vision 2030. The policy focus mainly in applying the R's (Reduce, Reuse, and Recycle) in BUC Campus.

- BUC has initiated a marketing plan to reduce water consumption through distributing banners and labels on campus and inside building's restrooms to encourage students, faculty members, and other employees to use water rationally. BUC has also distributed these banners off-campus to encourage the surrounding community to reduce water consumption.
- BUC has a target to reuse 100% of the wastewater generated on Campus by 2025. BUC is currently able to reuse 50% of the generated wastewater, where a decentralized wastewater treatment plant has been built in BUC Campus using a grant from Joint the Academy of Scientific Research and Technology (ASRT) and the Bibliotheca Alexandrina (BA) Research Grants Program.
- BUC has installed water filtration and reuse system in pools and the fountains found on campus to allow water recycling.