

14.5 Maintaining a local ecosystem

14.5.5 CU as a body has implemented a watershed management strategy based on location specific diversity of aquatic species.

CU practices tie watershed management (i.e., entire catchment or drainage area management) to the diversity of aquatic species (i.e., using species-diversity data to drive the strategy) for a specific location or campus area:

- 1- **The 1 st evidence:** The Sustainability Report 2023: notes water-conservation infrastructure (digital monitoring of irrigation), wastewater treatment plants, and campus water-management upgrades.
- 2- **The 2 nd evidence** The Department of Irrigation & Hydraulics at the Faculty of Engineering at CU runs the programme Shared Water Resources Development (SWRD) which “addresses management of surface and groundwater, flow, quality and infrastructure” via cooperation with the Ministry of Water Resources and Irrigation.
- 3- **The 3rd evidence:** There is research on aquatic species diversity (e.g., zooplankton, microalgae) in Egypt generally, but not clearly connected to an implemented strategy by the university. Examples: studies of zooplankton along the Nile.

Serial	Year	Link
1	2023	https://cu.edu.eg/userfiles/Sustainability%20report%202023.pdf
2	Permanent	https://ihd.eng.cu.edu.eg/en/about-us/?utm_source
3	2024	https://www.mdpi.com/2073-4441/16/7/915?utm_source