

## 14.5 Maintaining a local ecosystem

### 14.5.2 CU as a body monitors the health of aquatic ecosystems.

Cairo University (CU) is engaging in programs and initiatives related to aquatic/water-resource stewardship:

- 1- **The 1<sup>st</sup> evidence:** CU hosts the program Shared Water Resources Development (SWRD), through its Department of Irrigation & Hydraulics (Faculty of Engineering). The program “aims to train water-resources professionals in the development and management of international rivers and their basins ... dealing with technical, social, legal and political issues in an integrated approach.”.
- 2- **The 2<sup>nd</sup> evidence:** CU’s **Sustainability Report 2023**. it states that CU has “two units for the treatment of gray water”, a “pilot wastewater treatment plant for the safe disposal of wastewater”, and a centre “for studies and designs for water projects (C.W.P) ... to enhance the quality of research and design work related to water projects inside and outside the campus.”
- 3- **The 3<sup>rd</sup> evidence:** in the Faculty of Veterinary Medicine at CU there is a distinct program in “Aquatic Animal Medicine” (fish, crustacean farming, aquaculture) which indicates curricular support for aquatic systems, animal health, and sustainable aquaculture.
- 4- **The 4<sup>th</sup> evidence:** CU is engaged in international collaboration on water and climate-adaptation. For example, the project ClimateCafé Cairo and Nile Delta (run in collaboration with Rotterdam University of Applied Sciences) involves CU’s Faculty of Agriculture and focuses on “water related issues” and student / staff mobilities in a water-management context.

Serial	Year	Link
1	Current	<a href="https://ihd.eng.cu.edu.eg/swrd/introduction.htm?utm_source">https://ihd.eng.cu.edu.eg/swrd/introduction.htm?utm_source</a>
2	2023	<a href="https://cu.edu.eg/userfiles/Sustainability%20report%202023.pdf">https://cu.edu.eg/userfiles/Sustainability%20report%202023.pdf</a>
3	2023	<a href="https://vet.cu.edu.eg/new-web/study/distinct_aquatic.php?utm_source">https://vet.cu.edu.eg/new-web/study/distinct_aquatic.php?utm_source</a>
4	Current	<a href="https://www.rotterdamuas.com/collaboration/Erasmus/erasmus-projects/cairo-climatecafe/?utm_source">https://www.rotterdamuas.com/collaboration/Erasmus/erasmus-projects/cairo-climatecafe/?utm_source</a>