

## Number of university sustainability program(s) with international collaborations

**5TH INTERNATIONAL ENVIRONMENTAL FORUM**  
Smart Enviroment towards Climate Changes

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### International Environmental Forum (Tanta University, Egypt)

جامعة طنطا  
TANTA University


استقبل تعالي

2030  
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In cooperation with University of Bradford, Improving the Performance of a Water Reverse Osmosis Desalination Plant Powered by Solar Energy at Tanta Faculty of Engineering



Prof. Mahmoud Zaki, Tanta University President, announced improving the performance of a water reverse osmosis desalination plant that is powered by solar energy at Faculty of Engineering, Tanta University, in cooperation with University of Bradford, UK. He declared that the plant is improved in the context of activating partnerships with world universities, enhancing cooperation with entrepreneurs, development of research, and connecting it to industry to support Egypt's sustainable development strategy 2030 and to increase the university's competitiveness with its counterparts.

Moreover, Prof. Ahmed Nassr, Acting Dean of Faculty of Engineering, indicated that results of the study were published in the journal of Energy Conversion and Management that is a Q1 journal. Furthermore, in the field of water desalination, a paper was published in Journal of Cleaner Production that is also a Q1 journal in cooperation with University of Pittsburgh, USA.

To read the first paper, click here.

To read the second paper, click here.

### Example of sustainability program with international collaboration (Tanta University, Egypt)

The screenshot shows the Tanta University website with a news article titled "After Being Chosen by the Forum of Egyptian Governmental Universities Confronting Climate Change Last September, a Research Output of Tanta University is Presented at the UN Climate Change Conference COP 27". The article features a photo of Prof. Mahmoud Zaki, the university president, and text detailing the research project on recycling and environment-friendly materials. It also mentions Prof. Mahmoud Salim, Vice President for Community Service and Environmental Development, and Prof. Abdel Baset Morsi, a full professor at the Faculty of Science.

Example of sustainability program with international collaboration (Tanta University, Egypt)

**Description:**

- 1- Tanta University hosted and held an international conference to discuss the latest developments in scientific research in the fields of environment and sustainability and to propose scientific solutions to confront climate change.
- 2- In cooperation with University of Bradford, Improving the Performance of a Water Reverse Osmosis Desalination Plant Powered by Solar Energy at Tanta Faculty of Engineering.
- 3- After Being Chosen by the Forum of Egyptian Governmental Universities Confronting Climate Change Last September, a Research Output of Tanta University is Presented at the UN Climate Change Conference COP 27.

Number of university sustainability programs with international collaborations in 2021/2022 = 3 programs

You can find more details at the following links:

**Additional links:**

- 1- [https://tuef.tanta.edu.eg/Default\\_ar.aspx](https://tuef.tanta.edu.eg/Default_ar.aspx)
- 2- [https://www.tanta.edu.eg/en/News\\_Details.aspx?id=7959](https://www.tanta.edu.eg/en/News_Details.aspx?id=7959)
- 3- [https://www.tanta.edu.eg/en/News\\_Details.aspx?id=12223](https://www.tanta.edu.eg/en/News_Details.aspx?id=12223)