

## SDG 11 Sustainable Cities and Communities

According to the UN definition, Sustainable cities and communities refers to making cities safe and sustainable means to ensuring access to safe and affordable housing, and upgrading slum settlements. It also involves investment in public transport, creating green public spaces, and improving urban planning and management in a way that is both participatory and inclusive. Several activities in this field was carried out by Pharos University in this field.

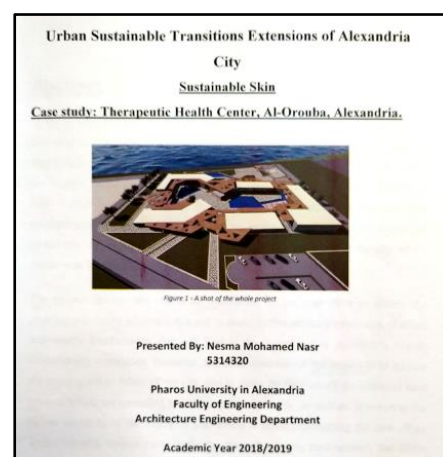
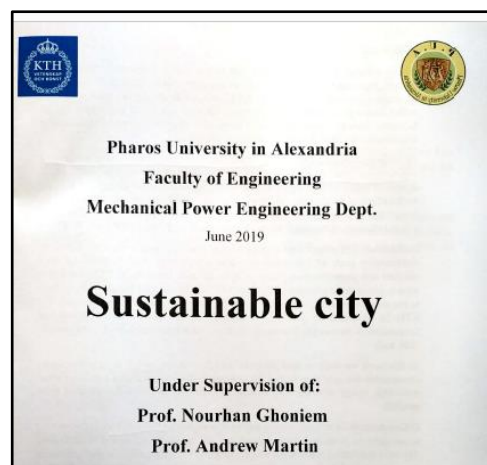
### 11.1. Conferences

In the coming years new cities will be built in Egypt, urban design will become an important subject for the development of the country. There is no profession more suitable to address the urban form of cities than the architect. The potential of developing sustainable urban form can have a massive impact on living qualities and the reduction of energy needs, if professionally designed. In this Pharos University and Royal Institute of Technology KTH - Sweden KTH organized a four day workshop, guiding students and young teachers to relevant procedures that answer complex questions of urban sustainable cities.

<https://www.pua.edu.eg/an-architectural-task-a-pua-kth-collaboration/>

### 11.2. Competition

A Strong Competition Among Engineering Students in “Towards Sustainable Tomorrow Competition” The graduation projects of *Faculty of Engineering* organized the above competition for the departments of (Petrochemical, Architectural, Mechanical and Electrical Engineering). Eight projects were selected to compete in the competition of “Towards Sustainable Tomorrow” that was organized by the Faculty of Engineering in the coordination with **Birla Carbon Company**. The company presented three financial awards for the best three projects. The two presented projects from Petrochemical Engineering Department came in the first place among eight graduation projects that were selected to participate in Birla Carbon Company competition. The presented project from Mechanical Engineering Department came in the third place entitled “Sustainable City” received a 7000. The Director of Birla Carbon Company participated in distributing the gifts and certificates.



<https://www.pua.edu.eg/petrochemical-engineering-department-won-the-first-place-in-towards-sustainable-tomorrow-competition/>

<https://www.pua.edu.eg/a-strong-competition-among-engineering-students-in-towards-sustainable-tomorrow-competition/>

### **11.3. Research Publication**

#### **The impact of productive open spaces on urban sustainability: The case of El Mansheya Square – Alexandria**

Faragallah, R.N.

(2018) Alexandria Engineering Journal, 57 (4), pp. 3969-3976.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056808010&doi=10.1016%2fj.aej.2018.02.008&partnerID=40&md5=9b> DOI: [10.1016/j.aej.2018.02.008](https://doi.org/10.1016/j.aej.2018.02.008)

Abdel Khalek, H.A., Aziz, R.F., Abdeen, A.H.

#### **Identify and prioritize the major influencing causes of automated concrete mixing system for mega construction projects using analytic hierarchy process**

(2018) Alexandria Engineering Journal, 57 (4), pp. 3451-3461. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056632458&doi=10.1016%2fj.aej.2018.04.003&partnerID=40&md5=bc)

[85056632458&doi=10.1016%2fj.aej.2018.04.003&partnerID=40&md5=bc](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056632458&doi=10.1016%2fj.aej.2018.04.003&partnerID=40&md5=bc) DOI: [10.1016/j.aej.2018.04.003](https://doi.org/10.1016/j.aej.2018.04.003)

#### **The role of stakeholders as a competitive advantage in the formulation of antiquity museum strategies in Egypt**

Elsorady, D.A.

(2018) Museum Management and Curatorship, 33 (4), pp. 365-381.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048741228&doi=10.1080%2f09647775.2018.1488221&partnerID=40&md5=bc)

[85048741228&doi=10.1080%2f09647775.2018.1488221&partnerID=40&md5=bc](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048741228&doi=10.1080%2f09647775.2018.1488221&partnerID=40&md5=bc) DOI: [10.1080/09647775.2018.1488221](https://doi.org/10.1080/09647775.2018.1488221)

#### **Revitalisation of Downtown Khedive Cairo: A contested sovereignty**

Elsorady, D.A.

(2018) Cities, 73, pp. 51-62.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031423417&doi=10.1016%2fj.cities.2017.10.009&partnerID=40&md5=bc)

[85031423417&doi=10.1016%2fj.cities.2017.10.009&partnerID=40&md5=bc](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031423417&doi=10.1016%2fj.cities.2017.10.009&partnerID=40&md5=bc) DOI: [10.1016/j.cities.2017.10.009](https://doi.org/10.1016/j.cities.2017.10.009)

#### **Adaptive Reuse Decision Making of a Heritage Building Antoniadis Palace, Egypt**

Elsorady, D.A.

(2018) International Journal of Architectural Heritage.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059077717&doi=10.1080%2f15583058.2018.1558313&partnerID=40&md5=bc)

[85059077717&doi=10.1080%2f15583058.2018.1558313&partnerID=40&md5=bc](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059077717&doi=10.1080%2f15583058.2018.1558313&partnerID=40&md5=bc) DOI: [10.1080/15583058.2018.1558313](https://doi.org/10.1080/15583058.2018.1558313)