

# Usama Konbr

<https://orcid.org/0000-0002-7188-5374>

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## Also known as

Konbr, U., Usama A. Konbr, Konbr, U. A., Usama, K., U. Konbr, Ussama Abdelnaby Konbor, Usama. A.kunbr, A Konbr, Usama, أسامة عبدالنبي قنبر, أسامة قنبر, قنبر, أسامة قنبر, قنبر, أسامة قنبر, قنبر, أسامة عبدالنبي قنبر

## Websites & Social Links

Tanta University Staff Website (<http://tdb2.tanta.edu.eg/staff/DrUsamaKonbr>)

Researchgate ([https://www.researchgate.net/profile/Usama\\_Konbr2](https://www.researchgate.net/profile/Usama_Konbr2))

Academia (<https://www.eulc.academia.edu/DrUsamaKonbr>)

Google Scholar (<https://scholar.google.com.eg/citations?user=2uqS3ncAAAAJ&hl=en&authuser=1>)

publons (<https://publons.com/researcher/3880965/usama-konbr>)

linkedin (<https://www.linkedin.com/in/usama-konbr-57493b119>)

Scopus (<https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=57221749235&zone=>)

## Country

Egypt

## Keywords

Architecture; Sustainability; Sustainable Architecture, Smart Architecture, Smart Cities

## Other IDs

ResearcherID: AAB-8935-2021 (<https://publons.com/researcher/AAB-8935-2021>)

Scopus Author ID: 57221749235 (<http://www.scopus.com/inward/authorDetails.url?authorID=57221749235&partnerID=MN8TOARS>)

## Biography

Usama Konbr

Associate Professor

## Affiliation

Department of Architecture, Faculty of Engineering, Tanta University, Egypt.

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## Means of Contact

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<https://www.eulc.academia.edu/DrUsamaKonbr>

<https://publons.com/researcher/3880965/usama-konbr>

Web of Science ResearcherID AAB-8935-2021

<https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=57221749235&zone=>

Scopus Author ID: 57221749235

<https://www.linkedin.com/in/usama-konbr-57493b119>

<https://www.mendeley.com/profiles/usama-konbr2>

## Employment (7)

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### **Tanta University Faculty of Engineering: Tanta, EG**

2020 to present | Associate professor (Architecture)

Employment

**Source:**Usama Konbr

### **Future Higher Institute of Engineering and Technology in Mansoura : Mansoura, Dakahlia Governorate, EG**

2019 to 2020 | Vice Dean of Higher Future Institute of Engineering and Technology in Mansoura for Education and Student Affairs. (Architecture)

Employment

**Source:**Usama Konbr

### **Tanta University Faculty of Engineering: Tanta, Gharbia, EG**

2017 to 2019 | Associate Professor (Architecture)

Employment

**Source:**Usama Konbr

### **Tanta University Faculty of Engineering: Tanta, Gharbia, EG**

2005 to 2017 | Lecturer (Architecture)

Employment

**Source:**Usama Konbr

### **Tanta University Faculty of Engineering: Tanta, Gharbia, EG**

2003 to 2005 | Assistant Lecturer (Architectural Engineering Department)

Employment

**Source:**Usama Konbr

### **Al-Azhar University Faculty of Engineering: Nasr City, Cairo, EG**

2001 to 2003 | Assistant Lecturer (Architecture)

Employment

**Source:**Usama Konbr

### **Al-Azhar University Faculty of Engineering: Nasr City, Cairo, EG**

1996 to 2001 | Teaching Assistant (Architecture)

Employment

**Source:**Usama Konbr

### Education and qualifications (3)

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**Al-Azhar University Faculty of Engineering: Cairo, Nasr City, EG**

2001 to 2005 | Philosophy Doctor (Architecture)

Education

Source:Usama Konbr

**Al-Azhar University Faculty of Engineering: Cairo, Nasr City, EG**

1997 to 2001 | Master Science (Architecture)

Education

Source:Usama Konbr

**Al-Azhar University Faculty of Engineering: Cairo, Nasr City, EG**

1990 to 1995 | Bachelor of Science in Architecture (Architecture)

Education

Source:Usama Konbr

### Invited positions and distinctions (1)

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**7th October University: Misurata, Misurata, LY**

2006-09 to 2008-07 | Establishing the Department of Architecture (Architecture)

Invited position

Source:Usama Konbr

### Membership and service (3)

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**Egyptian Engineers Syndicate: Cairo, EG**

1995 to present | Member (Architecture)

Membership

Source:Usama Konbr

**Egyptian Architects Association: Cairo, Cairo, EG**

1995 to present | Member (Architecture)

Membership

Source:Usama Konbr

**Architecture Association-Department of architecture-Al Azhar engineering: Cairo, Nasr City, EG**

1995 to present | Member (Architecture)

Membership

Source:Usama Konbr

### Works (17 of 17)

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**On the optimization of building energy, material, and economic management using soft computing**

*Advances in concrete construction*

2021-06 | journal-article

DOI: 10.12989/ACC.2021.11.6.455

EID: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85109445933&origin=resultslst>

Source:Usama Konbr

**Boosting sustainability in egypt by developing initiatives to promote smart energy systems**

*WSEAS Transactions on Environment and Development*

2021 | journal-article

DOI: 10.37394/232015.2021.17.10

EID: 2-s2.0-85100051674

Part of ISSN: 22243496 17905079

Source:Usama KonbrviaScopus - Elsevier

**Smart Sustainable Cities —Vision and Reality**

*Resourceedings*

2019 | journal-article

DOI: 10.21625/RESOURCEEDINGS.V2I1.455

Source:Publons

**Criteria معايير التصميم الداخلى ال م ستدام فى ضوء نظام تقييم الهرم الأخضر  
of Sustainable Interior Design based on the Green  
Pyramid Rating System**

*Journal of Engineering Research*

2019 | journal-article

DOI: 10.21608/erjeng.2019.125753

Part of ISSN: 2735-4873

Source:Usama KonbrviaCrossref Metadata Search

**STUDYING THE INDOOR AIR POLLUTION WITHIN THE  
RESIDENTIAL BUILDINGS IN EGYPT: AS A FACTOR OF  
SUSTAINABILITY**

*JES. Journal of Engineering Sciences*

2017-09-01 | journal-article

DOI: 10.21608/jesaun.2017.116874

Part of ISSN: 2356-8550

Source:Usama KonbrviaCrossref Metadata Search

**The use of Mud Material in Desert Cities' Construction as an Approach to Sustainability - Ghadames as a Case Study**

*The Third International Environmental Forum of Tanta University (Environmental Pollution- Problem and Solution).*  
12-14 July, 2016

2016-07-14 | conference-paper

Source:Usama Konbr

**SMART BUILDINGS& SUSTAINABILITY IN EGYPT  
FORMULARIZATION OF A CONCEPT AND A  
METHODOLOGY ESTABLISHING**

*JES. Journal of Engineering Sciences*

2016-07-01 | journal-article

DOI: 10.21608/jesaun.2016.117613

Part of ISSN: 2356-8550

Source:Usama KonbrviaCrossref Metadata Search

الأبنية الذكية والاستدامة بمصر- بلورة مفهوم ووضع منهج

*JES. Journal of Engineering Sciences*

2016-07-01 | journal-article

Part of DOI: 10.21608/jesaun.2016.117613

Source:Usama Konbr

**An Improved Cross Ventilation Model in Windy Regions**

*International Journal of Architecture and Design*

2015-08 | journal-article

Part of ISSN: 2051-5820

Source:Usama Konbr

**Building Materials: An Approach to Sustainable  
Construction System in Tanta City**

*Journal of Engineering Sector, Faculty of Engineering, Al-Azhar University, Issue 25, Volume VII, October 2012, Cairo, Egypt, pp. 2083-2095. ISSN: 1110-640*

2012-10-01 | journal-article

Source:Usama Konbr

**Environmental Handling of Hard-scaping Elements as an Approach to Sustainability - Applying to the city of Tanta**

*Journal of Engineering Sector, Faculty of Engineering, Al-Azhar University, No. 21, Volume VI, October 2011, Cairo, Egypt, pp. 1138-1149. ISSN: 1110-640.*

2011-10-01 | journal-article

Source:Usama Konbr

**Coordination of Environmental Elements as an Approach to Sustainability of Soft-scaping - Application on Tanta City**

*Eleventh International Engineering Conference of Al-Azhar, 21-23 December 2010, Cody No. (A 80), Cairo, Egypt.*

2010-12-23 | conference-paper

Source:Usama Konbr

**Conservation as an approach to the Sustainability of the Architectural Heritage . A proposed methodological framework for Conservation.**

*2nd International Conference on Architecture and Urban Planning, Ain Shams University (Architecture ... Urbanization and Time), 25-27 October 2008, Cairo, Egypt.*

2008-10-27 | conference-paper

Source:Usama Konbr

**Facing the Indoor Air Pollution in Residential Buildings as a Root of Sustainable Architecture**

*The First International Environmental Forum of Tanta University (a new Strategy for the Development of Societies and the Environment), 1-3 April 2006, Tanta, Egypt.*

2006-04-03 | conference-paper

Source:Usama Konbr

**A methodical Approach to Assessing the Sustainable Aspects of Residential Areas in the New Urban Communities**

*Conference of the Department of Architecture, Faculty of Engineering, Cairo University (reconcile Architecture and Urbanization in Transformation decades) 21-23 February 2006, Cairo, Egypt.*

2006-02-23 | conference-paper

Source:Usama Konbr

استدامة المناطق السكنية بالمجتمعات الحضرية الجديدة بإقليم القاهرة الكبرى مدخل

**Sustainability of the Residential Zones in  
the New Urban Communities in Greater Cairo Region  
An Approach for Sustainability Aspects Assessment**

2005 | supervised-student-publication

SOURCE-WORK-ID:

BASE:7adf6c1aacd6a39a0b4599d3bd12aa8ed4d5fdff69e70e4392897e509239f679

DOI: 10.13140/RG.2.1.2190.1202

Source:Usama KonbrviaBASE - Bielefeld Academic Search Engine

نحو عمارة سياحية بيئية بجنوب سيناء دراسة حالة تفويم العمارة السياحية

**Towards Touristic Eco-  
Architecture in Southern Sinai Case study: The Coastal  
Touristic Architecture Evaluation At Ras Sudr Touristic  
Sector.**

2000 | other

SOURCE-WORK-ID: BASE:33ce72b9f2db9b6c4f3adf91336286dbb7fc373edcd0a9fe7dcc89fc0c84c898

DOI: 10.13140/RG.2.1.1469.2249

Source:Usama KonbrviaBASE - Bielefeld Academic Search Engine

### Peer review (6)

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- review activity for **Ain Shams Engineering Journal. (2)**
- review activity for **Architecture research. (3)**
- review activity for **International journal of construction engineering and management. (2)**
- review activity for **JES. Journal of Engineering Sciences (2)**
- review activity for **WSEAS transactions on environment and development. (1)**
- review activity for **The journal of engineering research. (1)**

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