



CURRICULUM VITAE

1. PERSONAL DETAILS

First name: **ABDELLAH**

Family name: **ZERROUG**

Date of birth: **September the 7th, 1960**

Place of birth: **Ouled Mosly Bordj Bou Arreridj**

Marital status: **married with No children**

Sex: **Male**

Nationality: **Algerian**

Work Address: **Electrotechnic Department**

University Sétif 1 - Algeria

E-mail : **abzerroug@univ-setif.dz/ abzerroug@gmail.com abzerroug@yahoo.fr**

Occupation: **Maître de Conference B at Setif1 University
Algeria**

2. QUALIFICATIONS

1. **Baccalauréat** : BAC MATHEMATICS Rank A++ (13/263) Secondary school Said Zerrouki, BBA Algeria, June 1979
2. **Estate Engineer** in building engineering Department, Civil Engineering Institute, University of Constantine, Algeria, January, 1985
3. **Master of science** (Msc by research-Thesis-) in building Engineering; Titled: "Study of the indoor air quality (investigation on odour and carbon dioxide)" University of Manchester Institute of Science and technology U.M.I.S.T (U.K.).....June 1988.
4. **Equivalence Magister** in Civil engineering.....June 1989.
5. **Doctorat en Sciences**. Université Ferhat Abbas Sétif1, Sétif, Algérie Option Energétique Janvier 2019
6. **Habilitation Universitaire**. Université Ferhat Abbas Sétif1, Sétif, Algérie Option Energétique 10 Janvier 2021

3. Languages:

	Written	Read	Spoken
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
French	Excellent	Excellent	Excellent
Russian	Basic	Basic	Basic
Italian	Basic	Basic	Basic

4. PROFESSIONAL QUALIFICATIONS

- Head of the Department civil engineering, Architecture Institute, University of Ferhat ABBAS Sétif Algeria 1990-1992.
- Head of Research project. Titled « Mechanical and thermal properties of building materials case [stabilized earth blocks]. University of Ferhat ABBAS de Sétif Algeria 1991-1993.

5. Courses given

- Thermodynamics and heat transfer, for the students of the 4th year civil engineering, Civil Engineering department, University Ferhat Abbas, Sétif.
- Building equipments, heating, cooling, air conditioning, for the students of the 5th year civil engineering, Civil Engineering department, University Ferhat Abbas, Sétif
- Building Physics, heat transfer, conduction, convection, thermal radiation, heat exchanger, and refrigeration, for the students of the 1st year architecture, Architecture department, University Ferhat Abbas, Sétif.
- Building Services, thermal comfort, psychometrics analysis for air, and Air treatment unit, for the students of the 3rd year architecture, Architecture department, University Ferhat Abbas, Sétif.
- Physics measurements for the students of the 3rd year electrotechnics, Electrotechnics department, University Ferhat Abbas, Sétif.
- Health and safety of the environment for students Master 2.
- Technical English for BSc and MSc students and Doctorant students of electrotechnic department.
- Legislation in Electrotechnics Energy legislation Master2 Reseaux electriques.
- Normes et certification for Energy Master and Bsc Students.
- Industriel ecology and sustainable development

6. Supervision:

Master thesis, here are some selected project:

- Modelling and Simulation of a photovoltaic installation 2019
 - Industriel ecology principales applied to cement plant of Ain el Kebira 2019
 - Modelling and Simulation of Residential energy consumption in using eQUEST and energyplus Software. September 2018
 - Comparaison of results of energy consumption using eQUEST and Vikor method. Juin 2017
 - Study of electrical energy consumption in Setif Area Master 2016
 - Modelling, and simulation of energy recovery system to feed absorption-refrigerated water chillier for cement plant in Setif area. Sept 2012.
 - Experimental Study of the performance of a compression refrigerator made in condor plant Algeria. June 2011.
 - Study and analysis of electrical energy consumption in residential building in Setif area, June 2011.
 - Modelisation and simulation of absorption refrigeration using Simulink, 2011.
 - Theoretical study of different solar refrigeration systems.2011.
 - Simulation of annual energy consumption of a geriatry using Energy plus and DesignBuilder software. September 2007.
 - Simulation of energy loss from double skin façade using simulink, Setif June 2005.
 - Control and regulation of a multi variables system. June 2005.
- Calculation of air-conditioning system for a geriatry (Hospital for older people's diseases. Setif June 2004.
- Calculation and design of solar collector for central heating. June 1998.
 - Study of thermal and mechanical properties of stabilized earth blocks. Setif June 1994.
 - Conception of thermal conductivity measurement apparatus for building materials. Setif June 1990.

7. International papers

1. Abdellah ZERROUG, Khaled Zehar, Egils Dzelzitis, Anatolijs Borodinecs "Analysis of energy consumption in Algeria". 5th International Conference CIVIL ENGINEERING '15 proceedings 2015 content p 94-101 Jalgava Latvia.

2. Abdellah ZERROUG, Egils Dzelzitis, "Analysis of results of energy consumption simulation with eQUEST and EnergyPlus". 5th International Conference CIVIL ENGINEERING '15 proceedings 2015 content p 102-107 Jalgava Latvia.
3. Abdellah ZERROUG, Egils Dzelzitis, Anatolijs Borodinecs "Simulation of Heat Space Energy Consumption in Multifamily Residential Building in Riga" SPbUCEFM-2015 conference, Saint Petersburg, Russia.
4. Abdellah ZERROUG, Egils Dzelzitis, Anatolijs Borodinecs "Study of the Feasibility of using blended soils to make stabilized pressed earth blocks in Setif (Algeria)". 4th International Conference "Advanced Construction 2014, 9-10 October, 2014 Kaunas, Lithuania
5. Abdellah ZERROUG, Egils Dzelzitis, Anatolijs Borodinecs, Khaled Zehar "Household energy consumption and building regulation in Algeria" XI. International HVAC+R technology symposium, May 8-10, 2014-Istanbul
6. Abdellah ZERROUG, Egils Dzelzitis, Anatolijs Borodinecs, "Theoretical study of whole building energy simulation" XI. International HVAC+R technology symposium, May 8-10, 2014-Istanbul
7. Abdellah ZERROUG, "Analysis of energy consumption in residential building in Sétif area" the 53rd international scientific conference Riga technical University October 2012
8. Abdallah Zerroug "Conception of an MPPT system integrated to a PV generator using the P&O algorithm" The forth science conference, University of Taibah, Almadina Almunawara KSA March 21-21, 2010
9. Abdallah Zerroug "Improvement of mechanical properties of traditional earth blocks" First International Engineering Science Conference of Aleppo University, Syrian Arab Republic, November 2-4; 2008
10. Abdallah Zerroug, "Porous Medium Thermal Conductivity Models" Third International Conference on Thermal Engineering Theory and Applications May 21-23, 2007 Amman, Jordan.
11. Abdallah Zerroug, Khaled Zehar, Larbi Refoufi "Thermal Conductivity Models of Porous Materials, Journal of Engineering and applied sciences, Medwell journals, 2007, pp 722-727.
12. Abdallah ZERROUG, "Ventilation and air quality" CIB '92 Proceedings, WORLD BUILDING CONGRESS Montreal Canada. Montreal Canada May 18-22, 92 pp 426-427
13. Abdallah ZERROUG, "Ventilation and air quality" CIB '92 Poster books tome 2, WORLD BUILDING CONGRESS Montreal Canada. Montreal Canada May 18-22, 92 pp 334-335

8. National conferences

- Abdallah Zerroug, « Etude sur les propriétés physiques et mécaniques des matériaux de construction » National Seminary of Civil Engineering SNGC 2002 ENSET Oran.
materials. » 2001/2003

