Hocine Benseghir

**Ph.D. in Occupational Safety, Health, and Environment**

+213676881262

Dr.hocineben@gmail.com

<https://www.linkedin.com/in/hocineb/>

**Summary**

Energetic, Enthusiastic, with 3+ years of experience of research assistant in University Malaysia Pahang. Seeking to obtain an entry-level in occupational safety health and environment position. Furthermore, I am looking to enhance my professional skills in a stable and dynamic workplace that offers a positive atmosphere to implement new skills and technologies for the betterment of the organization.

**Experience**

**Team Member of an Academic Research Project (volunteer)**

*University Malaysia Pahang*, Research Assistant at Research & Innovation Department*, Malaysia*

Mars 2021- present

**Research Assistant**

*University Malaysia Pahang*, Research Assistant at Research & Innovation Department*, Malaysia*

June 2017 – February 2021

**Key Achievement.** Achieved a bronze Medal from Creation, Innovation, Technology & Research Exposition (CITREX) 2019 and silver in 2020, University Malaysia Pahang.

**Education**

**Doctor of philosophy in Occupational Safety, Health and Environment**

*University Malaysia Pahang, Kuantan, Malaysia*

Graduated 2021

**Master of Health and Safety Industrial**

*University of Batna, Batna, Algeria*

Graduated 2013

**Bachelor of Health and Safety Industrial**

*University of Batna, Batna, Algeria*

Graduated 2011

**Internship**

**Safety Officer**

*Sonatrach Oil and Gas company, Hassi messaoud,* Alegria

15 days internship

09 2013

**Safety Officer**

N’Gaous Conserve SPA*,* Batna*,* Alegria

15 days internship

12 2012

**Safety Officer**

National Geophysics Company ENAGEO*, Hassi messaoud,* Alegria

15 days internship

10 2012

**Safety Officer**

N’Gaous Conserve SPA*,* Batna*,* Alegria

15 days internship

04 2012

**Safety Officer**

N’Gaous Conserve SPA*,* Batna*,* Alegria

15 days internship

12 2011

**Forum and conference**

*2nd Borneo International Conference on Applied Mathematics and Engineering*

2018. Malaysia

International Seminar on Application for Technology of Information and Communication

 09 2018. Indonesia

IEEE Conference on Systems, Process & Control (ICSPC)

2018. Malaysia

2nd Borneo International Conference on Applied Mathematics and Engineering (BICAME, IEEE). Malaysia

2018

**Publication**

* Modelling emergency evacuation from an industrial building under spreading fire using a social force model with fire dynamics. Journal: Material Today proceeding.
* Survey on pedestrian-dynamics models for evacuation process based on game theory, International Seminar on Application for Technology of Information and Communication
* Developing an effective conceptual framework for safety behavior in construction industry.
* Modeling and simulation a novel pedestrian evacuation model during toxic cloud releases.
* A Fuzzy-based Risk Model for Construction Project Management.
* Towards Optimal Search: An Efficient Search Algorithm for Arabic Text using Secant Method.

**Research projects**

* Member in project: Development of a safety management system management system for tracking & guiding industrial workers during emergency evacuation (RDU1703117).
* Member in project: Development of a model for emergency evacuation cases analysis in industry Companies (RDU1703118).
* Member in project: Formulating an evacuation model for spreading fire in industry buildings using social force model integrated with dynamic hazards (RDU1903133).
* Member in project: Optimization of materials in radiator fluids (RDU192206).
* Member in project: A new segmentation method in image processing of medical images for automated lung cancer diagnosis (RDU170397).

**Skills**

 Security services

* Interpersonal communication
* Time management skills and adaptability
* Ability to work autonomously or in teamwork
* Familiar with Strong with Technology, Computer Skills, etc.

**Awards**

***Silver Medal in Citrex*** *(member in the project RDU170317)*. University Malaysia Pahang

2019

***Silver Medal in Citrex*** *(member in the project RDU170318)*. University Malaysia Pahang

*2019*

***Bronze Medal in Citrex*** *(member in the project RDU170318).* University Malaysia Pahang

2020

**Certifications & Licenses**

* Driving License Category B

OHS, HSSE, HSE, H&S, Health and Safety, investigation, incidents, Management, meeting, Investigate, incidents, accidents, assists, audits and regulatory requirements, response, Risk assessments, evacuation plan, Training, emergency plan, strategic plan,

communicate, communication, Monitor, experience, strong, Develop, implement, and maintain the HSE management system, reporting, updates, Fire Department, industrial hygiene, internal or external audit.