

Bassam MAHMOUD

Doctor, PHD and engineer

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Beirut facing Sport city - Bir Hassan , BP : 113 6175 Hamra 1103 2100

45 years old | Lebanese



PROFILE

Dedicated and passionate individual with a strong commitment to excellence and an eagerness to bring value to any team. With a background in various domains, I consistently strive to deliver the highest quality results through effective collaboration and problem-solving skills.

WORK EXPERIENCE

Oct. 2021 - Currently
Beirut, Lebanon

Head of civil department - Lebanese University

- Led a team of civil engineers in developing innovative infrastructure projects in Beirut.
- Implemented advanced engineering techniques and materials to improve project sustainability.
- Oversaw project budgeting and resource allocation to ensure timely and cost-effective delivery

Jan. 2021 - Sep. 2024
Baakline, Lebanon

Director of Cnam Baakline Branch - Lebanese university

- Managed the overall operations and strategic direction of the Cnam Baakline Branch, ensuring alignment with institutional goals.
- Led a team of academic and administrative staff, fostering a collaborative environment focused on excellence in education and research.
- Monitored financial performance and managed the annual budget to support branch initiatives and resource allocation.

Sep. 2008 - Currently
Beirut, Lebanon

Consulting - Order of Engineers and Architects

- Provided expert guidance on the implementation of sustainable engineering practices.
- Advised on risk management plans to minimize potential project delays and financial overruns.

Nov. 2008 - Currently
Beirut, Lebanon

Responsible for the Mechanics Laboratory - CNAM Lebanese University

- Trained and supervised staff and students in the Mechanics Laboratory to ensure understanding of equipment use and safety procedures.
- Collaborated with academic and industry partners to enhance laboratory capabilities and research outputs in mechanical engineering.

Sep. 2021 - Jun. 2024
Zahle, Lebanon

Expert trainer - UNDP Litani Project

- Implemented advanced engineering techniques and materials to improve project sustainability.
- Managed the overall operations and strategic direction of the trainees ensuring alignment with institutional goals.

Sep. 2023 - Jul. 2024
Damour, Lebanon

Plant irrigation Project Expert - SHEILD ASSOCIATION

- Led agricultural irrigation projects focusing on innovative water management techniques.
- Implemented systems to improve the efficiency and sustainability of irrigation processes.
- Developed guidelines and best practices for integrating technology in irrigation systems.

Aug. 2023 - Dec. 2024
Toulouse, France

Post-doctorate level and Thesis doctoral Director - ICA Clement ADER Laboratory

- Directed doctoral thesis research, providing expert guidance on the mechanics of composite materials.
- Published research findings in peer-reviewed journals, contributing to advancements in composite mechanics.
- Presented research at international conferences, fostering global collaborations and knowledge exchange.
- Mentored postgraduate researchers, enhancing their analytical skills in material performance and fabrication techniques.

Oct. 2008 - Currently

Professor - Cnam/ Lebanese university

Beirut, Lebanon

- Mechanics of materials
- Fundamentals of mechanics
- Fluid-Thermodynamics
- General thermodynamics

EDUCATION

Sep. 2013 - Jul. 2017

Toulouse, France

PHD in Mechanics of Composite

Paul SABATIER University

Oct. 1999 - Jun. 2007

Paris, France

Mechanical Engineering diploma

CNAM Paris

SKILLS

Leadership and team management



Infrastructure project development



Financial performance monitoring



Softwares modeling and Analysis



LANGUAGES

French | Native

Arabic | Native

English | Fluent

INTERESTS

- Traveling to historical sites
- Gardening and plant care
- Reading scientific articles
- Volunteering in community projects
- Attending engineering seminars

SOCIAL MEDIA

LinkedIn: Dr Bassam MAHMOUD

CERTIFICATIONS

Patent Law- River cleaning machine - Lebanese University - Sep. 2023

- Certified in Patent Law for Environmental Technologies and recycling
- Patent Law Expert for Mechanical Engineering Innovations
Specialist Certification in Patent Law for Sustainability Solutions