

TECGREMED MEMBER CV

Family Name	EL KHANCHOUI
Name	Abdessalam
Institution	USMBA-Fès
Position	Professeur et Directeur du centre de la Formation Continue et la Certification
Mother Language	Arabe
English (A1, A2, B1, B2, C1, C2)	B1

EDUCATION – WORK EXPERIENCE

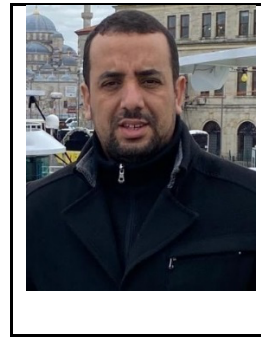
Graduate: Bac
Post graduate: PHD
Chair: Directeur du Centre de la Formation Continue et de la Certification et ex Directeur de l'Institut National des Plantes Médicinales et Aromatiques

PUBLICATIONS related the project topic

1. Loubna Khaldi, Alae Elabed, and Abdessalam El Khanchoufi 2024, Performance evaluation of Machine Learning algorithms for LULC classification : a case study of Fez-Meknes region E3S Web of Conferences 527, 02012 (2024) JOE4
2. Kaoutar MOUNIR, haykel SELLAMI, Isabelle LA JEUNESSE, Abdessalam EL KHANCHOUI 2023 : Assessment of Future Climate and Hydrological Changes in Semi-Arid Catchment using the SWAT Model and Bias-Corrected EURO-CORDEX Ensemble : A Case of the Ouergha catchment, North of Morocco Modeling Earth Systems and Environment, <https://link.springer.com/article/10.1007/s40808-023-01775-6> ;
3. Kaoutar MOUNIR, Isabelle LA JEUNESSE, Haykel SELLAMI, Abdessalam ELKHANCHOUI. Spatiotemporal analysis of drought occurrence in the Ouergha catchment, Morocco[J]. AIMS Environmental Science, 2023, 10(3): 398-423. doi: 10.3934/environsci.2023023 ;
4. Loubna Khaldi1, *, Alae Elabed, Abdessalam El Khanchoufi, 2023, Quantitative assessment of the relative impacts of different factors on flood susceptibility modelling : case study of FezMeknes region in Morocco, E3S Web of Conferences 364, 02005 (2023)

INTERNATIONAL PROJECTS EXPERIENCE

1. Coordinateur National du Projet européen Medinnoall Tempus IV, <http://www.medinnoall.eu/>
2. Coordinateur International du Projet Européen MAP2ERA, 7PCRD, <http://map2era.com>
3. Coordinateur National du projet Européen TIES, Tempus IV. <http://www.ties-project.eu>
4. Coordinateur du FORT Project. <http://www.project-fort.org>
5. Coordinateur National du projet Européen CINEA, 7PCRD, www.cinea-med.eu
6. Coordinateur National pour l'USMBA du projet CLIMADAPT, 7. projet Européen Tempus IV, <http://www.climadapt-tempus.com/>
8. Membre de la Commission Régionale pour la mise en oeuvre du Schéma Directeur de la formation des élus de la Région Fès- Meknès
9. Vice-Président de la Commission Consultative chargée des jeunes au Conseil Régional de la Région Fès-Meknès
10. Formations des élus communaux des 5 provinces de la Région Fès Meknès pour l'élaboration de Plan de développement communal (PAC)
11. Expert en emploi au milieu rural : conseil et accompagnement des acteurs territoriaux pour la gouvernance, la promotion de l'emploi en milieu rural
12. Elaboration d'un catalogue de formation pour les différents métiers en milieu rural : Tourisme rural (gîteurs, cuisiniers du terroir et guides du paysage), Arboriculture et traitement phytosanitaire, valorisation des produits de terroir (Olive de table, Huile d'olive, Capres, apiculture, figue), dans le domaine des Plantes médicinales et aromatiques (producteur de PAM, Distillation, cosmétologie naturelle)



TECGREMED MEMBER CV

Family Name	BOSSOUFI
Name	Badre
Institution	Sidi Mohammed Ben Abdellah University, Fez, Morocco
Position	Professor
Mother Language	Arabic
English (A1, A2, B1, B2, C1, C2)	B2

EDUCATION – WORK EXPERIENCE

2016: HDR at the Faculty of Science and Technology FST-Fez.
2012: PhD in ELECTRICAL ENGINEERING. Option "Electrical & Power Electronics"
PhD at the University of Sidi Mohammed Ben Abdellah, Faculty of Science Fez (Morocco), STIC Team & University of Pitesti (Romania), Center for Modeling and Simulation Systems, & Montefiore Institute "Modeling and systems" in University of Liege, Belgium.
Title « Contribution on Control of Permanent Magnet Synchronous Machine by using FPGA Digital Solutions »
2009: Specialized Masters: «Automated industrial systems engineer (ISAI) »
Faculty of sciences Dhar el Mahraz, Fez, Morocco. (Majoring in promotion)

PUBLICATIONS related the project topic

1. Saady, I., Majout, B., El Kafazi, I. Badre Bossoufi et al. Improving photovoltaic water pumping system performance with ANN-based direct torque control using real-time simulation. Sci Rep 15, 4024 (2025). <https://doi.org/10.1038/s41598-025-88330-8>
2. Zakariae Sakhri, El-Houssine Bekkour, Badre Bossoufi, Nicu Bizon, Mishari Metab Almalki, Thamer A.H. Alghamdi, Mohammed Alenezi. Soft computing approaches of direct torque control for DFIM Motor's. Cleaner Engineering and Technology, Volume 24, 2025, 100891, ISSN 2666-7908, <https://doi.org/10.1016/j.clet.2025.100891>.
3. Benbouhenni, H., Bizon, N., Yessef, M. et al. Experimental analysis of genetic algorithm-enhanced PI controller for power optimization in multi-rotor variable-speed wind turbine systems. Scientific Reports 15, 1407 (2025). <https://doi.org/10.1038/s41598-024-81281-6>
4. Mohamed Bousla, Mohamed Belfkir, Ali Haddi, Youness El Mourabit, Badre Bossoufi, Comparison of artificial intelligence approaches for estimating wind energy production: A real-world case study. Results in Engineering, Volume 24, 2024, 103626, <https://doi.org/10.1016/j.rineng.2024.103626>.
5. Benbouhenni, H., Yessef, M., Bizon, N., Kadi, S., Alhejji, A. and Bossoufi, B. (2024), HIL Test Verification of PDPI Control of Induction Generator-Based Multi-Rotor Wind Turbine Systems. Energy Science & Engineering. <https://doi.org/10.1002/ese3.1976>
6. Mohammed Rhiat, Mohammed Karrouchi, Ilias Atmane, Abdellah Touhafi, Badre Bossoufi, Mishari Metab Almalki, Thamer A.H. Alghamdi, Kamal Hirech, Maximizing solar energy efficiency: Optimized DC power conversion for resistive loads, Computers and Electrical Engineering, Volume 120, Part C, 2024, 109867, ISSN 0045-7906, <https://doi.org/10.1016/j.compeleceng.2024.109867>.
7. Abdelhafid El Attafi, Houda El Alami, Badre Bossoufi, Dokhyl AlQahtani, Saad Motahhir, Mishari Metab Almalki, Thamer A.H. Alghamdi, "Robust control of a wind energy conversion system: FPGA real-time implementation", Heliyon, Volume 10, Issue 15, e35712, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2024.e35712>.



TECGREMED MEMBER CV

Family Name	ZERHOUNI KHAL
Name	MOUNA
Institution	INSTITUTE OF SPORTS SCIENCES-SIDI MOHAMED BEN ABDELLAH UNIVERSITY FEZ
Position	QUALIFIED PROFESSOR
Mother Language	ARABIC
English (A1, A2, B1, B2, C1, C2)	B2

EDUCATION – WORK EXPERIENCE

Graduate:

2023: University Accreditation Degree
2018: Doctorate in Economics and Management
2009: MBA in Economics and Management
2007: Bachelor's Degree in Fundamental Studies, "Economics and Management"

Post graduate:

Chair:

2023: Qualified professor
2022: Coordinator of the "Sport Management" training
2019: Assistant professor
2019-2023: Project Manager at the Presidency of Sidi Mohamed Ben Abdellah University.
2018-2019: Head of the Division of Economic and Financial Affairs, USMBA PRESIDENCY
2015-2018: Head of the Economic Department, USMBA PRESIDENCY
2014-2015: Head of the Investment and Markets Office, USMBA PRESIDENCY
2013-2014: Head of the Markets Office, USMBA PRESIDENCY
2010-2013: Head of the Investment Budget Payment Office.

PUBLICATIONS related the project topic

1. «Artificial Intelligence in Education: a Systematic Literature Review» Data and Metadata. 2024; 3:288, doi: 10.56294/dm2024288



TECGREMED MEMBER CV

Family Name	EL MALIKI
Name	SANAE
Institution	HIGHER SCHOOL OF TECHNOLOGY (SIDI MOHAMED BEN ABDELLAH UNIVERSITY)
Position	QUALIFIED PROFESSOR
Mother Language	ARABIC
English (A1, A2, B1, B2, C1, C2)	C1

EDUCATION – WORK EXPERIENCE

Graduate:

2022: University Accreditation Degree
2017: PHD in Economics and Management
2009: MBA in Economics and Management
2007: Bachelor's Degree in Fundamental Studies, "Economics and Management"

Chair:

2022: Qualified professor
2020-2024 : Trainer and coach, at the National Statute for Student Entrepreneurs at the Sidi Mohamed Ben Abdellah University in Fez.
2020-2024: a jury member of eco-innovation hackathons organized by Sidi Mohamed Ben Abdellah University and socio-economic actors of Fez-Meknès region.
2019: Assistant professor
2013-2018: Cooperation office Manager at the Presidency of Sidi Mohamed Ben Abdellah University.

PUBLICATIONS related the project topic

1- « Impact of training on employee experience : case of a Moroccan industrial company », Management Control, Auditing and Finance Review (MCAFR) – Vol 1 No 4.2024. <https://doi.org/10.5281/zenodo.14641843>.

2- « The effect of entrepreneurship education on the determinants of entrepreneurial intention among higher education students », Management Control, Auditing and Finance Review (MCAFR) – Vol 1 No 4.2024. <https://doi.org/10.5281/zenodo.14692426>.

3- « Driving Green Innovation: The Nexus of Green Intellectual Capital and Supply Chain Integration: A Comprehensive Literature Review », EEE 15th International Colloquium on Logistics and Supply Chain Management (LOGISTIQUA), pp. 1-7, 2024, DOI: 10.1109/LOGISTIQUA61063.2024.10571540.

4- « Scrutinizing The Relationship Between Innovation And Organizational Resilience: Toward A Theoretical Modeling», Sciendo, pp110-116, 2023. DOI: 10.2478/9788367405225-016.