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Class A lecturer  
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Faculty of Natural and Life Sciences  
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### **Diplomas**

**Baccalaureate in science: 1999** high school Ferhati hmida OUM EL BOUAGHI

**DES in Biochemistry: 2003** University of OUM EL BOUAGHI

**Master in biology (environmental engineering option) 2007** ULBM OUM EL BOUAGHI. **Doctorate in natural sciences (ecology and environment option): 2018** LARBI BEN MHIDI University – Oum el Bouaghi

### **Functions**

**2003-2005** : As part of pre-employment contracts, applications engineer at the hygiene laboratory of the health department

**2005-2008** : As part of temporary contracts, application engineer **at the Oum el Bouaghi** polyclinic laboratory

**2007-2009**: Part-time teacher at the human sciences institute University Larbi Ben M'hidi OUM EL BOUAGHI.

**2008**: Full professor at the Faculty of Natural and Life Sciences, Abbas University Laghrour Khenchela

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## Ranks

2008 : Assistant Master Class B

2011 : Assistant Master Class A

2018 : Lecturer Class B

2021: Class A Lecturer

## Educational activities

### 1. Graduation and post-graduation teaching

|   |   |           |
|---|---|-----------|
| -Bioclimatology   | <i>L3 Ecology and environment</i>         | 2020-2021 |
| -Bioclimatology   | <i>L3 water and environment</i>           | 2017-2021 |
| -Contamination and implication of biological mechanisms | <i>M2 fundamental and applied ecology</i> | 2015-2021 |
| -Biogeography   | <i>L3 Ecology and environment</i>         | 2017-2021 |
|   |   | 2008-2011 |
| -Work methods   | <i>L2 Biology</i>                         | 2019-2020 |
| - General ecotoxicology                                 | <i>L3 Water and environment</i>           | 2014-2018 |
| -Water quality  | <i>L3 Water and environment</i>           | 2019-2020 |
|   |   | 2017-2018 |
| -Biology of populations and organisms                   | <i>L3 Ecology and environment</i>         | 2015-2016 |
| -Biometrics   | <i>L3 Water and environment</i>           | 2014-2015 |
| -General climatology                                    | <i>L2 Water and environment</i>           | 2014-2017 |
| -Scientific English                                     | <i>L3 Ecology and environment</i>         | 2015-2016 |
| - Biostatistics   | <i>L2 Biology</i>                         | 2018-2019 |

|   |                                 |             |
|---|---------------------------------|-------------|
| <i>Identification and characterization of wetlands in the wilaya of Khenchela</i>                                 | Fundamental and applied ecology | <b>2021</b> |
| <i>Development of a management plan for the Es Sebikha wetland</i>  | Protection of ecosystems        | <b>2021</b> |
| <i>Study of the flora of some wetlands of the eastern Algerian highlands, Analysis and prevention</i>             | Fundamental and applied ecology | <b>2020</b> |
| <i>characterization and estimation of the pollutant load of wastewater from the city of khenchela</i>             | Fundamental and applied ecology | <b>2019</b> |
| <i>Mapping the salinity of groundwater in the Garaet El Taref region ( Khenchla )</i>                             | Protection of ecosystems        | <b>2018</b> |
| <i>Assessment of the environmental risk of raw wastewater from some towns in the willaya of Khenchela</i>         | Fundamental and applied ecology | <b>2018</b> |
| <i>Ecotoxicological analysis of urban effluents case study of cities : Khenchela, OumEl Bouaghi and Ain Beida</i> | Fundamental and applied ecology | <b>2017</b> |
| <i>Contribution to the study of the causes of salinity of groundwater in the commune of El Mahmel</i>             | PDESP                           | <b>2016</b> |

## 2. Management

## 3. Preparation of course handouts

**2019: Polycopiedu Coursen Contamination and implication of biological mechanisms.** Intended for M2 students in the Ecology and Environment specialty

**2022: Polycopy of the Bioclimatology Course.** Intended for L3 students majoring in Ecology and Environment

## Scientific activities

### 1. International communications

- Effect of interaction between two cytokinins and two auxins on alkaloids accumulation in *H. albus* L. Kadi Kenza , Hamli Sofia, Boukeria Sabah, **Dib Dounia** , Addad Delilah , Yahia Abdelouahab . the 1<sup>st</sup> Euro-Mediterranean conference for environmental integration (EMCEI), Sousse Tunisia on 22-25 November 2017.
- Heat Shock Effects on Physiological Parameters Durum Wheat Seedlings and Relationships with Stress Tolerance Indices. Hamli Sofia, Kadi Kenza , **Dib Dounia** , Addad Delilah , Boukeria Sabah , Yahia Abdelouahab . the 1<sup>st</sup> Euro-Mediterranean conference for environmental integration (EMCEI), Sousse Tunisia on 22-25 November 2017.
- Contribution to the study of the effect of vegetable waters from the cold extraction of olives on plant germination. Kadi Kenza , **Dib Dounia** , Addad Dalila, Boukeria Sabah, Yahia Abdelouahab . VI international meeting oasis agriculture and sustainable development Djerba (Tunisia) December 18-21, 2018. Institute of Arid Regions Médnine , Tunisia .
- Study of the effect of coating garlic seeds (*Allium sativum* L.) “local red” variety using three different fungicides against soil-borne fungi. K ADI kenza , Hamli Shahrazed , **Dib Dounia** , Addad Dalila , Boukeria Sabah. 11th AMPP congress: plant protection March 26-27, 2019. HASSAN II Agronomic and Veterinary Institute . Rabat Morocco .
- Evaluation of antioxidant activity of extracts of *hyoscyamus albus* l . Treated with phytohormones (bap and iaa ). Kadi K, Lekmine S, Hamli S, **Dib D**, Kabbour R, Annahli Y, Boukeria S, Addad D, Yahia A. International seminar: “Advances on Natural Antioxidants: sources, mechanisms of action and valorization in health & food”. October 16-17, 2019. University of Bejaya .
- Phytochemical study of vegetable waters resulting from cold extraction of olive oil. Kadi Kenza , Hamli Sofia , Boukeria Sabah , **Dib Dounia** . Third International Symposium: Medicinal Plants and (MPM -2020). 25-27 February 2020, Tebessa , Algeria
- Effect of pre-treatment of *Juniperus Thurifera* L. seeds by GA3 and sulfuric acid. Kadi Kenza , Hamli Nacira , Hamli Sofia, Boukeria sabah , **Dib Dounia** , Addad Delilah . 1st International conference: Biodiversity in the service of Biotechnologies · University Centre Abdelhafid Boussouf Mila March 09-10, 2020
- Wastewaters effect on germination in two plants of economic and medical interest. **Dib Dounia** , Kadi Kenza , Zeroual Amel , Khiari Abdelkader , Lekmine Sabrina. Third International Symposium: Medicinal Plants and (MPM -2020). 25-27 February 2020, Tebessa , Algeria

-Sebkha-oued-water table relationship in a semi- arid environment : case of the Sebkha watershed of the Tarf ( NEAlgerian ). **Dib Dounia** , Khiari Abdelkader, Merzoug Djemoui and Bensaci Tayeb . International Geosciences Days (JIGE-5) Fez May 13-15, 2009. Faculty of Sciences DHAR EL MAHRAZ- FES. Sidi mohammed ben abdallah University

## **2. National communications**

### **As Author:**

Sebkhet water quality Tarf and its role in the valorization mechanisms of the Tarf basin , Oum el Bouaghi , North-East Algeria. National seminar on the development of natural resources in semi-arid zones. CU EPO. April 23-24, 2007

-Techniques for preserving wildlife heritage: Case study of Sebkha Tarf (NE-Algeria). First national days on the biology of aquatic ecosystems , May 24-25, 2008. Oral communication.biology department of the university August 20, 1955 SKIKDA

-Participation in several national days and member of the organizing committee of the SNBBDD seminar at the University of Khenchela

### **As Co-Author :**

- Evaluation of the antibacterial activity of extracts of the *pituranthos plant scoparius* . The first National seminar on bioactive molecules entitled: valorization of medicinal plants against cellular damage. Larbi Ben M'Hidi Oum El Bouaghi University . 2019 . <http://www.univ-oeb.dz/wp-content/uploads/2019/08/BROCHURE-Fran%C3%A7ais-final.pdf> \_

-Evaluation of the anticoagulant activity of vegetable juices from olive extraction in the Khenchela region . National Seminar on Biodiversity, Medical Biology and Environmental Ecotoxicology . University of August 20, 1955 Skikda 2019. <http://www.univ-skikda.dz/index.php/fr/accueil/79-francais/2207-seminaire-national-biodiversite-biologie-medicale-et-ecotoxicologie-environnemental>

- Study of toxicology effects of olive mill by- product on the survival , growth , reproduction earthworm . the first Scientific Day on the biology of medicinal plants Tebessa , Algeria2020.<http://www.univ-tebessa.dz/fsesnv/index.php?page=7>

### 3. Items

#### As Author:

-IDENTIFICATION OF HYDROGEOCHEMICAL PROCESSES IN A NORTH EASTERN ENDOREIC BASIN UNDER SEMI-ARID CONDITIONS (ALGERIA ) 2017 . Journal of Fundamental and Applied Sciences. <http://dx.doi.org/10.4314/jfas.v9i3.28>

- Experimental research on water chemistry evolution in case of inadequate conservation protocols: application on surface and groundwater. *Appl Water Sci* **11**, 135 (2021). <https://doi.org/10.1007/s13201-021-01467-5>

#### As Co-Author :

-HYDRO -GEOCHEMISTRY OF GROUNDWATERS IN ES-SBIKHAT-EL-MAHMEL BASIN, KHENCHELA, NORTHEASTERN ALGERIA 2020. *Journal of Fundamental and Applied Sciences* . <http://dx.doi.org/10.4314/jfas> .

- Effect of Interaction Between Tow Cytokinins and Tow Auxins on Alkaloids Accumulation in *Hyoscyamus Albus* L. 2017. Euro-Mediterranean Conference for Environmental Integration 1275-1276

- Evaluation of the anticoagulant activity of margins from olives extraction in the khenchela region. **Kadi K**, R, Hamli S, Lekmine S, Dib D, Addad D, Boukeria S, Gueboudji Z, Hafsaoui I. 2020. *Journal of Fundamental and Applied Sciences* . <https://www.jfas.info/index.php/JFAS/article/view/659/288>

-Contribution to the study of the effect of vegetable water from the cold extraction of olives on plant germination 2020 . *Revue des Régions Arides* n°46 (1/2020) – *Special issue* – Proceedings of the 6th International Meeting “Oasis Agriculture and Sustainable Development” Zarzis (Tunisia), December 19-21, 2018.

<http://www.ira.agrinet.tn>

/imgcommon/files/publication/Tome%201%20RRA%2046(1-2020).pdf

- Diversity of the associated vegetative community of Aleppo pine ( *Pinus halepensis* Miller) in a pine forest of Ouled Yagoub (northeast Algeria, North Africa) . 2024.  
Euro-Mediterranean Journal for Environmental Integration . 10.1007/s41207-024-00462-x

### **Other research activities**

**2012** : member of the RNAMS research laboratory "Natural Resources and Land Development Sensitive Environments". LBM OUM EL BOUAGHI University.

Short-term internship in March 2015: host structure: Almeria Hydrogeology Laboratory, University of Almeria Spain.

Short-term internship in March 2016. host structure : Ecotoxicology Laboratory ; Faculty of Sciences Semlalia Cadi Ayyad University Marrakech Morocco.

ecology and environment license training team 2013-2016

ecology and environment training team 2017-2019