



# Cherifa BERKANI



berkani.cherifa@uni-  
khenchela.dz



(213) 6 97 45 62 5



616 housing units, URBACO,  
Khenchela, Algeria.

## Professional address

Abbes LAGHROUR university  
Khenchela - Algeria-(BP 1252  
Road of Batna Khenchela -  
40004-)

## Grade

Conferences Professor, grade A



[https://www.researchgate.net/p  
rofile/Cherifa-Berkani](https://www.researchgate.net/profile/Cherifa-Berkani)

## LANGUAGES

Arabic  
French  
English

## EDUCATION / ACADEMIC QUALIFICATIONS

2006: High school diploma in Natural and Life Sciences, High school BORDJI Mohamed Aghougal, Khenchela (Algeria).

2006-2009: Bachelor's degree in Ecology and Environment, Abbes LAGHROUR University, Khenchela (Algeria)

2009-2011: Master's degree in Ecology and Environment; option: Environmental Engineering, Abbes LAGHROUR University, Khenchela (Algeria).

2012-2016: Postgraduate doctorate in Ecology; option: Water, Environment and Renewable Energies, Abbes LAGHROUR University, Khenchela (Algeria).

Teacher-researcher at the University of Khenchela (Algeria), since 2018

## OTHER TRAINING

Proficiency in office software, statistical software, cartography and internet browsing.

International performance internships (Tunis, 2014 and 2015)

GIS training

## THESES

BERKANI, Ch., 2011. Hydrochemical study and geothermometry of thermal springs in the Auras region. Master's thesis in Ecology, specializing in Environmental Engineering. Abbes LAGHROUR, University Khenchela.87p.

BERKANI, Ch., 2016. Chemical and isotopic tracing of spring waters for the understanding of Auras aquifers. Khenchela, Algeria. Doctoral thesis. Abbes LAGHROUR university, Khenchela. 128 p.

## PROFESSIONAL EXPERIENCE

2012-2013	CID Contrat, Agricultural Service Department, Khenchela.
2012-2014	Temporary teacher, Faculty of Natural and Life Sciences, Abbes
2016-2017	LAGHROUR University, Khenchela
2018	Assistant professor, Class B, Faculty of Natural and Life Sciences, Abbes
	LAGHROUR University, Khenchela
2019	Conferences professor, class B, Faculty of Natural and Life Sciences, Abbes
	LAGHROUR University, Khenchela
2023	Conferences professor, class A, Faculty of Natural and Life Sciences, Abbes
	LAGHROUR University, Khenchela

## PEDAGOGICAL RESPONSIBILITIES

2019-2021	Member of the Ecology Department Scientific Advisory Board
2019-2022	Member of the quality assurance team
From 2021	Member of the Disciplinary Board of the Ecology Department
From 2021	Member of the Disciplinary Board of the Common Core Department
From 2022	Head of ecosystem protection training team

## BOOKS AND MIMEOGRAPHS

**Berkani, Ch., 2022.** Pedagogical handout for the subject Analysis and protection of the environment; intended for 3rd year bachelor students in ecology, Department of Ecology and Environment, Faculty of Natural and Life Sciences. Abbes LAGHROUR University, Khenchela.

## INTERNATIONAL PUBLICATIONS

- 1. Berkani, Ch., & Houha, B., 2016.** *Hydro-geochemical Characterization of Water Springs of the Auras region. (Northeastern Algeria)*, J. Mater. Environ. Sci, (6): 1856-1865.
- 2. Berkani, Ch., & Houha, B., 2017.** *Physico-chemical and therapeutic characteristics of the thermo-mineral waters of Khenchela Region (Northeastern Algeria)*, J. Mater. Environ.Sci, (5): (2017) 1546-1553
- 3. Berkani, Ch., Boulabeiz, M., Dali, N., Sedrati, A., & Houha, B., 2023.** *Hydrogeochemical modeling of groundwater of the quaternary aquifer in Mellagou Valley -Bouhmama- (Northeastern Algeria)*, Carpathian Journal of Earth and Environmental Sciences, Vol. 18, N°. 1, p. 115 –126; DOI:10.26471/cjees/2023/018/245.
- 4. Naouel Dali, Omar Ramzi Ziouch, Habiba Dali, Tarek Daifallah, Cherifa Berkani & Sara Hassad., 2023.** *Remote sensing, and (GIS) approach, for morphometric assessment and sub-watershed prioritization according to soil erosion and groundwater potential in an endorheic semi-arid area of Algeria*, Arabian Journal of Geosciences, N°. 1 p. 1-16

## NATIONAL AND INTERNATIONAL COMMUNICATIONS

1. Hydrochemical study of thermal springs in the Aurès. 3rd International Earth and Water Colloquium, **2012**. University of Annaba, Algeria.
2. Thermal water geothermal energy in the wilaya of Khenchela, **2013**, Séminaire national Biotechnologie, biodiversité et développement durable. University of Khenchela, Algeria.
3. Surface water hydrochemistry of the city of Khenchela. **2013**, 3rd International Colloquium georesources at the service of sustainable development, University of Tébessa, Algeria.

4. Water supply and future needs of the city of Kais, Khenchela, Algeria. **2013**, Séminaire national Défis agricoles. University of Khenchela, Algeria.
5. Contribution to the study of the physico-chemical characteristics of drinking water of Khenchela city, 2014, 2nd National Water Environment and Biodiversity Seminar. University of Khenchela, Algeria.
6. Origin of water mineralization in aquifers on the northern slopes of the Aurès. **2016**, Séminaire national sur l'eau et l'environnement. University of Chlef, Algeria.
7. Isotopic study of precipitation on the Chelia Mountain (northeastern Algeria), The 1st hybrid conference on climate change, georesources and sustainable development, Khenchela university, **2022**
8. Hydrochemical approach to aquifers in the Khenchela region (northeastern Algeria), International Seminar on green biotechnology and food security, Khenchela university, **2022**
9. Self-organizing map of artificial neural network of groundwater quality classification in the F'kirina plain (N-E of Algeria). (Co-auteur), The 1st hybrid conference on climate change, georesources and sustainable development, Khenchela university, **2022, (Co-auteur)**
10. Hydrogeochemical characterisation of groundwater using multifactorial approach in Fom El Gueiss basin, Northeastern Algeria. The 1st hybrid conference on climate change, georesources and sustainable development, Khenchela university, **2022, (Co-auteur)**
11. Typology of physicochemical water quality at Babar dam, The 1st hybrid conference on climate change, georesources and sustainable development, Khenchela university **2022, (Co-auteur)**
12. Modeling integrated water resource management in the context of economic development and climate change in semi-arid zones (northeastern Algeria), 5<sup>th</sup> colloque International CIGSDD2023 on geoscience for sustainable development, **2023**, university of Tébessa. **(Co-auteur)**

#### Organization of scientific events

1. Member of the Scientific Committee of < 1st national conference on materials sciences and Engineering > (MSE'22), 28-29 juin 2022, University of Abbes LAGHROUR Khenchela
2. Member of the Posters evaluation committee of the < 1st International hybrid conference on Climate change georesources and sustainable development (1st X2CGSD 2022), University of Abbes LAGHROUR, Khenchela. >2022
3. Member of the organizing committee of < 1st International hybrid conference on Climate change georesources and sustainable development (1st 12CGSD 2022), Abbes LAGHROUR, university, Khenchela. >
4. Member of the organizing committee of < 1st International conference on materials sciences and technology (Matscience-2022), Dec, 13-15 th, 2022, Abbes LAGHROUR university, Khenchela"
5. Member of the organizing committee of < The International 'Workshop on structural resolution by single crystal and powder X-Ray diffraction + remote control of single crystal X-Ray diffractometer online, 6-7 November 2022. Abbes LAGHROUR university, Khenchela