

CURRICULUM VITAE

Samia HALIMI

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DIPLOMAS

February, 2020:

Geology degree from a university (option: hydrogeology)

February, 2017

Geology doctorate with a focus on hydrogeology

Theme: Assessment of the effects of traffic on the aquifers in the areas traversed. The Annaba plain was traversed by RN44, RN16, and RN21. Algeria's northeast.

April, 2008

Geology master's degree with a focus on hydrogeology

Theme: Cherf/Sedrata Wadi watershed (North-East Algeria) resources and integrated water resource management test.

June, 2002

Water science and technology state engineer's degree

The project Theme: Examination of Seybouse waters' physicochemical and bacteriological contamination markers after liquid discharges from ORELAIT.

June, 1997

Natural and biological sciences baccalaureate series

TEACHING

2008/2009

Associate, Department of Chemistry and Hydrocarbons. Kasdi Merbah University of Ouargla.

2009-2010

Associate Professor Lecturer at the Faculty of Natural and Life Sciences, Department of Ecology and Environment. Abbas Laghrour University in Khenchela. Algeria

2017

Associate Professor-B in the Faculty of Natural and Life Sciences, Department of Ecology and Environment. Abbas Laghrour University in Khenchela.

2020 to date

Associate Professor-A in the Faculty of Natural and Life Sciences, Department of Ecology and Environment. Abbas Laghrour University of Khenchela

RESPONSABILITY

2013-2016:

Head of the Master's specialty in Ecology and Environment (basic and applied ecology, once the framework has been aligned).

2017:

Member of the Disciplinary Council of the Department of Ecology and Environment. Faculty of Natural and Life Sciences.

Member of scientific comities of Seminars:

- First national symposium on: water, health and environment impact of climate changes (25 September, 2023)
- 1st international hybrid conference on climate change, georesources and sustainable development (23 May 2022)
- Au 1^{er} Séminaire national sur Le défi de la gestion des déchets entre destruction et valorisation (septembre 2023)

2025:

- Member of the Disciplinary Council of the Department of Ecology and Environment. Faculty of Natural and Life Sciences.

2025

- Member in the CSD of the Faculty of Ecology and Environment. Faculty of Natural and Life Sciences.

EXPERIENCES:

- Member in Water and Environment Laboratory, Fac SNV, Department of Earth and Universe Sciences, Tebessa University –Algeria-.
- Member in Laboratory of Biotechnology, Water, Environment and Health (L.B.E.E.S.) Khenchela University, -Algeria-
- Jun 2024: Excellence in reviewing in the International Journal of Environment and

Climate Change:

- December 2024: Best performing membrane determined by pairs (BP International)
- Supervision of a start memo (2024):
- Involvement in the drafting process: How to reissue a patent?
- Teaching in the framework of improving the knowledge of doctoral students in ecology and environment -2023. University of Khenchela
- Participation in the development of the questions of the PhD competition at the University of Khenchela in 2021.
- Provide part of the correction of the doctoral exams (University of Khenchela, 2021).
- Supervision of more than 15 Master's theses

SCIENTIFIC WORKS

Seminars

1. SIMINE 09. Séminaire International sur l'Industrie et l'Environnement (03 & 04 Novembre 2009). Communications orales :
 - a) Analyse des indicateurs de pollution physicochimiques et bactériologiques des eaux de la Seybouse suite aux rejets liquides de l'ORELAIT.
 - b) Ressources et essai de gestion intégrée des eaux du bassin versant d'oued Cherf / Sedrata (Nord – Est Algérien).
2. 1^{er} colloque international sur la Gestion Intégrée des ressources en Eau (Batna10 &11 Novembre 2009). Communication poster: Qualité des ressources hydriques superficielles et souterraines dans un milieu rural et urbain. Cas de la basse Seybouse (N-E Algérien).
3. The irrigation and risk of saline pollution. Example: groundwater of the plain of Annaba (North East of Algeria). Accepted in: International Water Conference 2016 Water Resource in Arid areas: The Way Forward. Conference Hall Sultan Qaboos University Muscat Sultanat d'Oman.
4. International Conference on integrated Environmental management Sustainable Development (October 27-30 2016). Assessment of groundwater salinity and risk of soil degradation in quaternary aquifer system (Example: Annaba plan. Algeria NE) Presented in ICIEM 2016. Présentation Poster.
5. Sixième édition du congrès international : Eaux, Déchets & Environnement (EDE6) Maroc, Béni Mellal, le 12- 14 Décembre 2017. Communication orale : Evaluation de risque de contamination des eaux par les métaux lourds issus de la circulation

routière. Cas de la plaine d'Annaba (Nord Est Algérien).

6. Assessment of Groundwater Salinity and Risk of Soil Degradation in Quaternary Aquifer System (Example: Annaba Plain, Algeria N.E). Paper accepted in the 8th International Conference on Water Resources and Arid Environments (ICWRAE 8) which is taking place in Riyadh from 3 to 5 December 2018.
7. The first international seminar on Green and Food Security (16-17 November 2022, Khenchela university): Contribution to the study of hydrogeochemical assessment of water quality and their suitability for irrigation in Bouhmama plain (NE of Algeria). Communication oral.
8. International seminar on valorization of Ecological and food resources (18-20 October 2022 Skikda university): Aptitude des eaux souterraines de la plaine de Bouhmama à l'irrigation.
9. Environmental Integration (EMCEI-22), held in Sousse, Tunisia, on 01–04 November 2022 (Paper number 799) Hydro-geochemistry and pollution of groundwater in the ESBKHA wetland zone (El Mahmel w. Khenchela. North east of Algeria)
10. The 2nd National Wetlands Day (Fevrier, 2023): towards wetlands restoration by Oral presentation entitled: Evaluation et caractérisation de la pollution hydrique par des espèces bioindicatrices de Sebket Ouled Amara (El Mahmel - Khenchela. NE Algérien).
11. Au 1^{er} Séminaire national sur Le défi de la gestion des déchets entre destruction et valorisation septembre 2023. Présentation d'une conférence plénière intitulée: L'eau et le développement durable: Approfondir les connaissances pour relever les défis de la valorisation des eaux usées.
12. 5^{ème} colloque international CIGSDD 2022 sur les giosciences au service du developpement durable (15-16 Février 2023) : Assesment of groundwater and sueface water quality (salinisationan nutrients). Case of mellagou plain, NE of Algeria).

Internationales publications

1. Irrigation and Risk of Saline Pollution. Example: Groundwater of Annaba Plain (North East of Algeria), European Scientific Journal February 2016 edition vol.12, No.6 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431
2. Impact of agricultural activities on the evolution of nitrate and nitrite levels in groundwater of Annaba plain (north east of Algeria). Journal of Biodiversity and

Environmental Sciences (JBES) ISSN: 2220-6663 (Print) 2222-3045 (Online). Vol. 9, No. 3, p. 120-124, 2016.

3. Suitability of Cheffia dam surface waters for irrigation (El Tarf area) Journal of Biodiversity and Environmental Sciences (JBES) ISSN: 2220-6663 (Print) 2222-3045 (Online) Vol. 10, No. 6, p. 274-282, 2017.
4. Water resources and their management under impact of climate change and users pressures in Kebir-West River basin (North-Eastern Algeria), using the WEAP model. Journal of Biodiversity and Environmental Sciences (JBES) ISSN: 2220-6663 (Print) 2222-3045 (Online) Vol. 10, No. 4, p. 19-26, 2017.
5. Assessment of Groundwater Salinity and Risk of Soil Degradation in Quaternary Aquifer System (Example: Annaba Plain, Algeria N.E). 2018, No. 36 (I–III): 57–65. DOI: 10.2478/jwld-2018-0006.
6. Aptitude des eaux épurées de la STEP de Khenchela à l'irrigation. Journal international Sciences et technique de l'eau et de l'environnement Tunisie. N°2 (2018).
7. Evaluation of road traffic impact on the aquifers of the crossed areas. Application to Annaba plain crossed by (RN 21, NR16 and NR44). Northeastern Algeria. J Fundam Appl Sci. 2020, 12(3), 1404-1422. DOI: <http://dx.doi.org/10.4314/jfas.v.12i3.26>.
8. Exploration of Road Traffic Emissions and Their Impact on Air Quality in and around of Annaba City (North East Algeria). ISSN: 2456-1878 (Int. J. Environ. Agric. Biotech.) ,<https://dx.doi.org/10.22161/ijeab.85.14>.
9. Assessment of groundwater Pollution using GIS based on the DRASTIC in part on the Oued Souf region (Northeast Algeria Sahara). African Journal of Biological Sciences DOI: 10.48047/AFJBS.6.15.2024.9008-9027.