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| ZOUARI Kamel | Nom :ZOUARI , Prénom : Kamel |
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|  | Adresse : …ENIS BP 1173 SFAX |
| <Tel:.74> 677 425  Portable :…98 488 673 |
| Email: kamel.zouari@enis.tn |
| Sexe M | Date de naissance 19 -02-56 | Nationalité : Tunisienne |

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| --- | --- |
| PROFESSION | .Professeur |
| FONCTION ACTUELLE | …Professeur……………………… |

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| EXPÉRIENCE PROFESSIONNELLE |  |

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| **dates (de - à)** | **Poste occupé** |
| 1988- 1993 | Maître de Conférences à l’ENIS |
| DE 1993 | Professeur à l’ENIS |

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| ÉDUCATION ET FORMATION |  |

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| **dates** | **Diplôme obtenu** |
| …………………1882-1983…….. | ……DEA… Jussieu-Paris 6, France |
| ………1983-1985 | …Thèse 3ème cycle……Jussieu-Paris 7, France |
| …………1985-1988.. | …Thèse Etat - Orsay, France………………………… |

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| COMPÉTENCES  PERSONNELLES |  |

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| --- | --- |
| Langues  (Lues, écrites, parlées) | Français et Anglais |
| Compétences informatiques | Utilisation de nombreux logiciels |

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| Expérience pédagogique |  |

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| --- | --- |
| Enseignement | Trois niveaux d’enseignements-Diverses matières enseignées en relation avec l’environnement et le cycle de l’eau (Hydrologie, hydrogéologie), Changement climatique, hydrogéochimie |

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| --- | --- |
| Encadrement de thèses de doctorat | Soutenues (28 thèses), en cours (8 thèses) |
| Encadrement de mastères | Soutenues : plus d’une 50 |
| Encadrement de PFE | Soutenues : plus d’une 50 à l’ENIS |
| Participation aux jurys de thèses et d’habilitations | Nombre : Plus de 30 établissement(s) à l’échelle national et à l’étranger |
| Participation aux jurys de mastères | Sup à 50 |

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| --- | --- |
| Recherche et développement |  |

|  |  |
| --- | --- |
| Domaine de recherche | Hydrologie, Hydrogéologie et géochimie isotopique |
| Structure de recherche | Laboratoire, ancien directeur |
| Articles de revues publiés | Nombre 110 Indexés, …. |
| Communications publiées | Nombre Sup à 60 internationale et nationale, et poster |
| Livres et chapitres de livres | Nombre, 8 |

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| INFORMATION COMPLÉMENTAIRE |  |

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| Affiliations | Président et membre dans nombreuses associations scientifiques |
| Stages et missions | Nombreux |

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| ANNEXES |  | |
| **Liste des Articles**  **1-**B.OUDA, **K.ZOUARI** et C.CAUSSE **(1998)** : Nouvelles données paléo environnementales pour le Quaternaire récent en Tunisie Centrale (bassin de Maknassy), Géosciences de surface (1998), No.322, p855-861**.**  **2- K.Zouari,** E.Gibert et C.Causse **(1998)** : Chronologie (14C et ThIU) des épisodes humides majeurs du Quaternaire récent au Sahara : sites choisis du programme PALHYDAF, in Causse C. et Gasse F. (éds), Hydrologie et Géochimie Isotopique, Orstom, Paris. pp177-195   1. **3-** A.Maliki, M.Krimissa, J. L.Michelot et **K.Zouari** (**2000**) :Relation entre nappes superficielles et aquifère profond dans le bassin de Sfax (Tunisie). C.R. Acad. Sci. Paris. Série II a, 331 (2000). 1-6.   **4- K.ZOUARI** et N.CHKIR **(2000)** :La mesure du temps par le Carbone-14 et par l'Uranium/Thorium - Outils d'investigation dans les sciences de l'Univers et de l'Environnement- Symposium International : Le temps - Cité des Sciences - 4-8 Avril 2000– Tunis. Revue El Madar n°15 (**2000**).  **5-** H.CELLE-JEANTON, **K.ZOUARI,** Y.TRAVI et A.DAOUD (**2001**) : Caractérisation isotopique des pluies en Tunisie. Essai de typologie dans la région de Sfax. C.R.Acad.Sci.Paris. Série II a 333 (2001). 625-631.  **6-** L.FEDRIGONI, M.KRIMISSA, **K.ZOUARI,** A.MALIKI et G.M .ZUPPI (**2001**) : Origine de la minéralisation et comportement hydrogéochimique d’une nappe phréatique soumise à des contraintes naturelles et anthropiques sévères : exemple de la nappe de Djebeniana (Tunisie). C. R. Acad. Sci.Paris, Série II a(2001), 332 665-671  **7- K.ZOUARI,** A.MALIKI, L.MOUMNI et J.ARANYOSSY (**2001**): Chemical (CI) and Isotopic (18O, 2H, 3H) study of the unsaturated zone in the arid region of Nefta (southern Tunisia). IAEA-TECDOC-1246 (2001), p 71-84  **8- K .ZOUARI** et A.MALIKI (**2001**) : Contribution à l'évaluation et à la gestion des eaux de la nappe profonde du Sahel de Sfax par les méthodes isotopiques. IHP-V Technical Documents in Hydrology N° 42. UNESCO. Paris 2001.  **9-** E.SCHULZ, ABICHOU, T.HACHICHA, S.POMEL, U.SALZMANN et **K.ZOUARI** (**2002**):Sbekhas as ecological archives and the vegetation and landscape history of southeastern Tunisia during the last two mullennia. Journal of African Earth Sciences 34 (2002), 223-229.  **10-**A.GUENDOUZ, A.MOULLA, W.M.EDMUNDS, **K.ZOUARI,** P. SHANG, A.MAMOU **(2003)**: Hydrogeochemical and Isotopic evolution of water In the Complexe Terminal aquifer In Algerian Sahara. Hydrogeology Journ 11(2003), pp 483-495.  **11-** C. CAUSSE, b.GHALEB, N.CHKIR, **K. ZOUARI,** A.OUEZDOU et A.MAMOU **(2003):** Humidity changes In Southern Tunisia during the late Pleistocene Inferred from U-Th dating of mollusc schells. Applied Geochemistry 18, pp 1691-1703.  **12-** M.Yermani, **K.ZOUARI,** J.L.MICHELOT, A.MAMOU, L.MOUMNI(**2003)**- Approche géochimique du fonctionnement de la nappe profonde de Gafsa Nord (Tunisie centrale). Hydrological Sciences Journal 48, 2003. pp 95-108.  **13-**W.M.EDMUNDS, A.H.GUENDOUZ, A.MAMOU, A.MOULLA, P.SHANG et **K. ZOUARI (2003)**: Groundwater evolution in the Continental Intercalaire aquifer of Southern Algeria and Tunisia: trace element and isotopic indicators. Applied Geochemistry 18, (2003), pp 805-822.  **14-** C.BEDOUI,H. BEN OUEZDOU**, K.ZOUARI,** (**2004**): Géomorphologie et phases humide quaternaires dans la cuvette de Meknassy (Tunisie central) .Z.geomorph.N.F.48.3355.-368-. Berlin. Stuttgart.  **15-** L.DaSSI, **K.ZOUARI,** K.P. SEILER, S. FAYE, S. KAMEL (**2005**): Flow exchange between the deep and shallow groundwater in the Sbeїtla synclinal basin (Tunisia): an isotopic approach. Environment. Geology Vol 47,4. pp 501-511.  **16-** L.DaSSI, **K.ZOUARI,** S.FAYE (**2005**): Identifying sources of groundwater recharge in the Merguellil river basin (Tunisia) using the isotopic methods: implication of dam reservoir water accounting. 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Marc **(2010) :** Hydrochemical and isotope evidence of groundwater salinization processes on the coastal plain of Hammamet–Nabeul, north-eastern Tunisia; Physics and Chemistry of the Earth 2010.03.039, 12p  **39-** Kamel Abid, **Kamel Zouari**, Marek Dulinski, Najiba Chkir, Brahim Abidi **(*2010)***« Hydrologic and geologic factors controlling groundwater geochemistry in the Turonian aquifer (southern Tunisia)». *Hydrogeology Journal, DOI 10.1007/s10040-010-0668-z.*  **40-** Kamel Abid**, Kamel Zouari,** Brahim Abidi ***(2010)***«Identification and characterisation of hydrogeological relays of continental intercalaire aquifer of southern Tunisia». *Carbonates Evaporites Journal (2010) 25:65–75.*  **41-**Hichem Yangui, **Kamel Zouari**, Rim Trabelsi, Kazimierz Rozanski ***(2010)****-*Recharge mode and mineralization of groundwater in a semi-arid region: Sidi Bouzid plain” *Journ. of Environ Earth Sci, DOI 10.1007/s12665-010-0771-4 (2010)*.  **42-**Friha Hadj Ammar, Najiba Chkir, **Kamel Zouari**, Zohra Azzouz-Berriche ***(2010)***« Uranium isotopes in groundwater from the Jeffara coastal aquifer (south-eastern Tunisia) ». *Journal of Environmental Radioactivity 101 (2010) 681-691.*  **43-**Amor Ben Moussa, **Kamel Zouari,** Vincent Marc ***(2010)***« Hydrochemical and isotope evidence of groundwater salinization processes on the coastal plain of Hammamet-Nabeul, North-eastern Tunisia». *Journal of Physics and Chemistry of the Earth. 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DOI 10.1007/s12665-010-0616-1(2010).*  **46-**Rim Trabelsi**, Kamel Zouari *(2010)***«Numerical simulation of Groundwater flow of the Djeffara aquifer system Southeastern Tunisia: Journal of Modeling and Simulation System». *Journal of Modelling and Simulation Systems, JMSS-Vol.1-2010/Iss.3.pp147-156 (2010)*  **47-Kamel Zouari,** Rim Trabelsi, Najiba Chkir ***(2010)***«Using geochemical indicators to investigate groundwater mixing and residence time in the aquifer system of Djeffara of Medenine (Southeastern Tunisia) ». *Hydrogeology Journal Doi 10.1007/s10040-010-0673-2 (2010).*  **48-**Mohamed Fethi Ben Hamouda, Jamila Tarhouni, Christian Leduc, **Kamel Zouari *(2010)***«Understanding the origin of salinization of the Plio-quaternary Eastern coastal aquifer of Cap Bon (Tunisia) using geochemical and isotope investigations». *Environ. Earth Sci. Journal 2010, DOI 10.1007/s12665-010-0758-1(published October 2010).*  **49-**YANGUI Hichem, **ZOUARI Kamel**, KAZIMIERZ Rozanski **(2011)** « Hydrochemical and isotopic study of groundwater in Wadi El Hechim–Garaa Hamra basin, Central Tunisia» Environ Earth Sci (2012) 66:1359–1370, DOI 10*.1007/s12665-011-1346-8.*  **50-**ABID Kamel**,** DULINSKI Marek**,** HADJ AMMAR Friha**,** KAZIMIERZ Rozanski**, ZOUARI Kamel (2011)** «[Deciphering interaction of regional aquifers in Southern Tunisia using hydrochemistry and isotopic tools](http://www.sciencedirect.com/science/article/pii/S0883292711003891?_alid=1817979541&_rdoc=1&_fmt=high&_origin=search&_docanchor=&_ct=3&_zone=rslt_list_item&md5=6513653174803f4e1529cbd39c756756)» *Applied Geochemistry, In Press, Corrected Proof, Available online 7 September 2011, DOI:10.1016/j.apgeochem.2011.08.015.*  **51-**ABID Kamel, HADJ AMMAR Friha, CHKIR Najiba, **ZOUARI Kamel (2011)** «[Relationship between Senonian and deep aquifers in Southern Tunisia](http://www.sciencedirect.com/science/article/pii/S1040618211005416?_alid=1817979541&_rdoc=2&_fmt=high&_origin=search&_docanchor=&_ct=3&_zone=rslt_list_item&md5=f4de6238ec95cfa0161d3731b814b430)»- Quaternary International 257 (2012) 13-26, *DOI:10.1016/j.quaint.2011.09.022.*  **52-**TRABELSI Rim, ABID Kamel, **ZOUARI Kamel,** YAHYAOUI Houcine **(2011)** «Groundwater salinization processes in shallow coastal aquifer of Djeffara plain of Medenine, Southeastern Tunisia» *Environ Earth Sci. 2011, DOI 10.1007/s12665-011-1273-8.*  **53-**TRABELSI Rim, ABID Kamel, **ZOUARI Kamel (2011)**-Geochemistry processes of the Djeffara palaeogroundwater (South-eastern Tunisia)- *Quaternary International, 2011 DOI:10.1016/j. quaint.2011.10.029.*  **54-**BEN MOUSSA Amor, **ZOUARI Kamel,** JLASSI Fayçal **(2011)** «The hydrogeology of the deep groundwater system in the Hammamet–Nabeul regional basin, north-eastern Tunisia a hydrochemical and isotopic approach» *Carbonates and Evaporites (2011) volume26 number 4:327–338.*  **55-**BEN MOUSSA Amor, **ZOUARI Kamel,** VALLES Vincent, JLASSI Fayçal **(2011)** «Hydrogeochemical Analysis of Groundwater Pollution in an Irrigated Land in Cap Bon Peninsula, North-Eastern Tunisia» *Arid and land research management 26:1, 1-14, DOI: 10.1080/15324982.2011.631688.*  **56-**BENCHEIKH Narjess, **ZOUARI Kamel,** ABIDI Brahim **(2011)** «Geochemical and isotopic study of paleogroundwater salinization in Southeastern Tunisia (Sfax basin) » *Quaternary International – 2011-DOI:10.1016/j.quaint.2011.10.028.*  **57-**BEL HADJ SALEM Sarra, BEN MOUSSA Amor, CHKIR Najiba, **ZOUARI Kamel,** COGNARD-PLANCQ Anne Laure, MARC Vincent, VALLES Vincent **(2011)** **«**Geochemical and isotopic investigation of groundwater mineralization process in the Zeroud basin, central Tunisia » *Carbonates Evaporites (2011)/ DOI 10.1007/s13146-011-0058-1. ISSN 0891-2556.*  **58-**BEL HADJ SALEM Sarra, CHKIR Najiba, **ZOUARI Kamel,** COGNARD-PLANCQ Anne Laure, VALLES Vincent, MARC Vincent **(2011)** «Natural and artificial recharge investigation in the Zéroud Basin,Central Tunisia: impact of Sidi Saad Dam storage» *Environ Earth Sci/ DOI 10.1007/s12665-011-1316-1.*  **59-**JERIBI DERWICH Leila, **ZOUARI Kamel,** MICHELOTJean-Luc **(2011) «**Recharge and paleorecharge of the deep groundwater aquifer system in the Zeroud Basin (Kairouan plain, Central Tunisia) » *Quaternary International, 2011 DOI:10.1016/j.quaint.2011.12.003*  ***60****-I. FARID,* ***K. ZOUARI*** *et A. KALLALI* ***(2012):*** *Origine de la salinité des eaux du bassin chougafiya (Tunisie). Revue des Sciences de l’Eau, 25(3) (2012) 255-274.* | | |

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***62-****Hichem YANGUI, ABIDI Ibrahim,* ***ZOUARI Kamel****, ROZANSKI Kazimierz* ***(2012):*** *«Deciphering groundwater flow between the Complex Terminal and Plio-Quaternary aquifers in Chott Gharsa plain (southwestern Tunisia) using isotopic and chemical tools».* Hydrological Sciences Journal, 57:5, 967-984.

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