

Brevet d'invention et Publications internationales du Professeur TAIBI Ahmed

- **TAIBI Ahmed**, KHELIL Abdelkarim et BOUAYAD Rabia, 2016 - Formulation d'un biopesticide utilisé contre les Pucerons et les procédés de préparation de la même composition. Brevet d'invention INAPI N°: 160665, le 28/12/2016.

Livre :

- TAIBI Ahmed et DOUMANDJI Salaheddine, 2015 - Pie-grièche méridionale : Régime alimentaire et reproduction. Ed. Edition Universitaires Européennes, Allemagne, 269 p.

Publications:

1- GACEMI A., **TAIBI A.**, ABED N.E.H., M'HAMMEDI BOUZINA M., BELLAGUE D. and TARMOUL K., 2019 - Effect of four host plants on nutritional performance of cotton leafworm, *Spodoptera littoralis* (Lepidoptera: Noctuidae). Journal of Crop Protection, 8 (3): 361-371.

2 - **TAIBI A.**, BRAHIMI D. and DOUMANDJI S., 2018 - Food larders of the Southern Grey Shrike *Lanius meridionalis algeriensis* (Laniidae, Passeriformes) in Algeria. North-western journal of Zoology, 14 (2): 273-275.

3 - MILOUDI K., HAMIMED A., BENMIMOUN Y., BELLEBNA Y., **TAIBI A.** and TILMATINE A., 2018 - Intensification of Essential Oil Extraction of the *Marrubium vulgare* Using Pulsed Electric Field. Journal of Essential Oil Bearing Plants, 21 (3): 811-824.

4 - MILOUDI K., HAMIMED A., BENMIMOUN Y., BELLEBNA Y., **TAIBI A.** and TILMATINE A., 2018 - Application of pulsed electric field for Intensification of essential oil extraction. Carpathian Journal of Food Science and Technology, 10 (1): 104-110.

5 - BENDOULA M. C., **TAIBI A.** et BENTAALLAH M.E.A., 2017 - Abondance et structure démographique d'un prédateur des patelles *Stramonita haemastoma* (Linné, 1767) à l'ouest du littoral algérien. Bull. Soc. zool. Fr., 142 (2) : 77-85.

6 - SETTAOUI S., **TAIBI A.**, HAMMADI F. et DOUMANDJI S., 2017 - Infestation des agrumes par la mouche méditerranéenne des fruits *Ceratitis capitata* (Wiedemann, 1824)

(Diptera, Trypetidae) à Tlemcen-Algérie. Algerian journal of arid environment, 7 (1) :102-110.

7 - TAIBI A., MANAA A., LABOUYRIE L. et DOUMANDJI S., 2016 - Biologie de reproduction de la pie-grièche méridionale *Lanius meridionalis algeriensis* en Mitidja (Algérie). Lebanese Science Joournal, 17 (1): 1-9.

8 - TAIBI A., GACEMI A., MEDJDOUB Y. and MEDJDOUB I., 2016 - Citrus Infestation by the Black Scale *Parlatoria ziziphi* Lucas (Homoptera: Diaspididae) in Tlemcen, Algeria. American-Eurasian J. Agric. & Environ. Sci., 16 (5): 928-933.

9 - TAIBI A., HERNÁNDEZ M. Á., BENTAALLAH M. A. and DOUMANDJI S., 2015 - New Evidence on Morphology and Distribution of the Southern Grey Shrike (*Lanius meridionalis*) in Maghreb. Pakistan J. Zool., 47(2): 12-15.

10 - TAIBI A., GHERMAOUI M. and OUBAZIZ B., 2015 - Scopoli's Shearwater *Calonectris diomedea* at Rachgoun Island, Algeria. Conservation of marine and coastal Birds in the Mediterranean. Proceedings of the UNEP-MAP – RAC/SPA Symposium, Hammamet, Tunisia.

11 - TAIBI A., GHERMAOUI M. and OUBAZIZ B., 2014 - First study of the reproduction of Cory's shearwater *Calonectris diomedea* (Procellariidae, Aves) at the Rachgoun Island (Beni Saf, Algeria). Adv. Environ. Biol., 8 (10): 15-20.

12 - TAIBI A. et DOUMANDJI S., 2014 - Rôle de la pie-grièche méridionale *Lanius meridionalis* dans la lutte contre les ravageurs des plantes en zone aride à Biskra (Algérie). Revue des Régions Arides, 35 (3): 121-125.

13 - TAIBI A., OUBAZIZ B., GHERMAOUI M., KADDOUR HOCINE A., BENDIMERAD M-E., 2013 - Etude de la biométrie de la Patelle géante *Patella ferruginea* à l'île de Rachgoun. 3ème Colloque International sur la Biodiversité et Ecosystèmes Littoraux 26- 28 Novembre 2013, Oran, Algérie, pp. 584-592.

Publications Internationales du Professeur HARTANI Tarik

Achite, M.; Caloiero, T.; Wałęga, A.; Krakauer, N.; Hartani, T. Analysis of the Spatiotemporal Annual Rainfall Variability in the Wadi Cheliff Basin (Algeria) over the Period 1970 to 2018. *Water* **2021**, *13*, 1477. <https://doi.org/10.3390/w13111477>

Margreet Zwarteveen, Marcel Kuper, Cristian Olmos-Herrera, Muna Dajani, Jeltsje Kemerink-Seyoum, Cleaver Frances, Linnea Beckett, Flora Lu, Seema Kulkarni, Himanshu Kulkarni, Uma Aslekar, Lowe Börjeson, Andres Verzijl, Carolina Dominguez Guzmán, Maria Teresa Oré, Irene Leonardelli, Lisa Bossenbroek, Hind Ftouhi, Tavengwa Chitata, Tarik Hartani, Amine Saidani, Michelaina Johnson, Aysha Peterson, Sneha Bhat, Sachin Bhopal, Zakaria Kadiri, Rucha Deshmukh, Dhaval Joshi, Hans Komakech, Kerstin Joseph, Ebrania Mlimbila, Chris De Bont, **2021**. Transformations to groundwater sustainability: from individuals and pumps to communities and aquifers, *Current Opinion in Environmental Sustainability*,

Volume 49, 2021 Pages 88-97, ISSN 1877-3435, <https://doi.org/10.1016/j.cosust.2021.03.004>.

Abdelkrim N, Hartani T, Visconti F, De Paz J M, Douaoui A, 2021. Irrigation Recommendation for Water Saving and Salinity Control in Horticulture in the Semi-arid Lower Cheliff Plain (Algeria). *Asian Journal of Water* 18(2):45-57

Cherifa Hadjloum, Tarik Hartani, Hichem Amichi, Fatah Ameur **2020**. How do land tenure influence the adoption of practices with agro-ecological potential? The case of the integration of fallow land in the Haut chéiff plain in Algeria. 7th International Symposium for farming system, 21-24th march, 2020. Tunisia

Azeb L, Hartani T, Ait Mouheb N, Pradeilex L, Hajaji N, 2020. Life cycle assessment of cucumber irrigation: Unplanned water reuse versus groundwater resources in Tipaza (Algeria)" (JWRD-D-20-00015R2) *Journal of Water Reuse and Desalination*

Chourghal N, Hartani T, 2020. "Quelle stratégie de semis du blé dur en Algérie pour s'adapter aux impacts du changement climatique ?"

Cahiers Agricultures.

Naouri M, Kuper M, Hartani T 2020. The power of translation: Innovation dialogues in the context of farmer-led innovation in the Algerian Sahara. *Agricultural systems*. [Volume 180](#), April 2020, 102793

Ahcène Semar, · Tarik Hartani, · Hakim Bachir. 2019. Soil and water salinity evaluation in new agriculture land under arid climate, the case of the Hassi Miloud area, Algeria. Euro-Mediterranean Journal for Environmental Integration (2019) 4:40.

<https://doi.org/10.1007/s41207-019-0130-0>

Ryma Labad, Tarik. Hartani, Gopal. Uttamrao Shinde (2019) Effect of weed treatment on cereal yield in direct seeding: A challenge between soil pollution and seeds quality " Indian Journal of Agricultural Research" . DOI: [10.18805/IJArE.A-304](https://doi.org/10.18805/IJArE.A-304)

<https://www.arccjournals.com/journal/indian-journal-of-agricultural-research/A-304>

Khemissi Houari, Tarik Hartani, Boualem Remini, Abdelouhab Lefkir, Leila Abda, Salim Heddami, 2019. "A hybrid model for modeling the salinity of the Tafna River in Algeria" Journal of water and land development. n°40 (I–III): 127–135, PL ISSN 1429–7426, e-ISSN 2083-4535. DOI: 10.2478/jwld-2019-0014

Khaled Amiri, Tarik Hartani, Aziez Zeddouri, 2019. "The assessment of an integrated bio-filter systems for the wastewaters treatment in arid regions (Touggourt, Algeria)", Management of Environmental Quality: An International Journal, <https://doi.org/10.1108/MEQ-05-2018-0095>

Kuper M, Naouri M, Hartani T, 2018. Agriculture in Motion: Intertwined Geographical and Socio-professional Mobilities in North Africa's Groundwater Economy. Meltem İzmir Akdeniz Akademisi Dergisi. No. 4, Kış 2018, 33-45, DOI 10.32325/iaad.2018.

Idir Tazekrit , Mohamed Benslimane, Vincent Simonneaux, Tarik Hartani, Abderrahmane Hamimed. 2018. Estimation of Irrigation Water Pumping by Remote Sensing: Application of the SAMIR Model to Citrus under Mediterranean Climate Conditions. Revista Brasileira de Meteorologia, v. 33, n. 3, 391-400, 2018. DOI: <http://dx.doi.org/10.1590/0102-778633301>

Rafika Khacheba, Maya Cherfaoui, Tarik Hartani, Nadjib Drouiche 2018. The nexus approach to water–energy–food security: an option for adaptation to climate change in Algeria. *Desalination and Water Treatment*. 131 (2018) 30–33 www.deswater.com
doi:10.5004/dwt.2018.22950

K. Laib, T. Hartani, S. Bouarfa, M. Kuper and J.C. Mailhol 2018. Connecting Drip Irrigation Performance to Farmers' Practices: The Case of Greenhouse Horticulture in the Algerian Sahara. Irrigation and drainage | DOI: 10.1002/ird.2228

Ryma Labad, Tarik Hartani, Gopal Uttamrao Shinde 2018. Optimum Herbicide Dose Management in Direct Seeding for Cereals Production : Case of Semi-Arid Area of Algeria Journal of Agronomy, n°2.

M.F Hamamouche, M. Kuper, T. Hartani and S. Bouarfa. 2017. Overlapping groundwater service markets in a palm grove in the Algerian Sahara. Irrigation and Drainage. Published online in Wiley Online Library (wileyonlinelibrary.com) DOI: 10.1002/ird.2178

Ould Rebai K, Hartani T, Chabaca MN, Kuper M, 2017. La conception et la diffusion d'un pivot artisanal dans un bassin de production maraîcher dans le Sahara algérien : le cas du Souf'. *Cahiers Agricultures*

Saida, Sbargoud.; Tarik, Hartani.; Abdellah, Aidaoui.; Farid, Herda.; Hakim, Bachir. 2017. Assessment of Groundwater Vulnerability to Nitrate Based on the Optimised DRASTIC Models in the GIS Environment (Case of Sidi Rached Basin, Algeria). *Geosciences*, 7, 20. <http://www.mdpi.com/2076-3263/7/2/20>

TAZEKRIT I, BENSLIMANE M, HAMIMED A, HARTANI T, KHALDI A, 2017. Concerted water management of large irrigated perimeters. Case of Habra plain (North-west. Algeria, Larhyss Journal, ISSN 1112-3680, n°30, Juin 2017, pp. 121-136

Assessing groundwater pumping for irrigation in North Africa: behind the scenes of abstraction, the groundwater use, 2017. Massuel, Sylvain; Amichi, Farida; Ameer, Fatah; Calvez, Roger; Jenhaoui, Zakia; Bouarfa, Sami; Kuper, Marcel; Habaieb, Hamadi; Hartani, Tarik; Hammani, Ali. *Hydrogeology Journal*

Kouadri Sameut M, Hartani T, Douaoui A, Mailhol JC, 2017. Modeling soil water reserves and biomass in a semi-arid drip irrigated artichoke plot using PILOTE. *Journal of Soil and Water Conservation* 2017 72(2):150-157; DOI:10.2489/jswc.72.2.150

Malkia, R, Hartani T, Dechmi F, 2016. DSSAT model for sprinkler irrigated Potato: northeast Algeria case study. *African Journal of Agricultural Research* Vol.11(29), pp. 2589-2598, July 2016 issue. <http://www.academicjournals.org/journal/AJAR/article-full-textpdf/905DA6359572>

Naouri M, Hartani T, Kuper M, 2015. Mobilités des jeunes ruraux pour intégrer les nouvelles agricultures sahariennes, (Biskra, Algérie). *Cahiers Agricultures*, 1-8. DOI: 10.1684/agr.2015.0778

Hartani T, Naouri M, Kuper M, 2015. L'entrée des jeunes dans l'agriculture: cas du maraîchage sous serre dans les Ziban (Algérie). *Alternatives Rurales Hors série jeunes ruraux*. DOI: 10.13140/RG.2.1.2969.1046. www.alternativesrurales.org

Farida Amichi, Sami Bouarfa, Caroline Lejars, Marcel Kuper, Tarik Hartani, Ali Daoudi, Hichem Amichi, Mohamed Belhamra. 2015. Des serres et des hommes : des exploitations motrices de l'expansion territoriale et de l'ascension socio-professionnelle sur

un front pionnier de l'agriculture saharienne en Algérie. *Cahiers Agricultures*, DOI : [10.1684/agr.2015.0736](https://doi.org/10.1684/agr.2015.0736).

Chabaca MN, Hartani T , Djebbara, M, Imache A, 2014. A Multicriteria Approach For Evaluating the Performances of Irrigated Perimeters in the Southern Mediterranean Countries: Case of the Mitidja Plain (Algeria). *International Journal of Engineering Research & Technology (IJERT)* ISSN: 2278-0181 www.ijert.org Vol. 3 Issue 7, July – 2014, pp 801-807.

Hartani T, Bradai A, and Douaoui A, 2012. Exploring salinity perception in Lower Cheliff Plain (Algeria). *Journal of Agricultural Science and Technology, Volume 2, n°11 A*. pp 1253-1259,ISSN:A ISSN 2161-6256

Bradaï A, Douaoui A, and Hartani T, 2012. Some Problems of Irrigation Water Management in Lower Cheliff Plain (Algeria). *Journal of Environmental Science and Engineering*. A 1 (2012) 271-278. ISSN :1496-2551

Amichi H , Bouarfa S, Kuper M, Ducourtieux O, Imache A, Fusiller JL, Bazin G, Hartani T and Chehat F, 2012. How does unequal access to groundwater contribute to marginalization of small farmers ? The case of public lands in Algeria. *Irrigation and drainage journal*. DOI: 10.1002/ird.1660

Cavero, J, Barros, R, Sellam, F, Topcu, S, Isidoro,D, Hartani T, A.Lounis, A, Ibrikci, H, Cetin, M, Williams, V, Aragüés, R, 2012. APEX simulation of best irrigation and N management strategies for off-site N pollution control in three Mediterranean irrigated watersheds. *Agricultural Water Management*103 (2012) 88– 99.

Publications Internationales du Professeur OURBIH Megdouda

1. Oualid Saci and Megdouda Ourbih-Tari. Refineddescriptivesampleinferenceintheestimationof thecumulativedistributionfunction. *International Journal of Mathematics in Operational Research*. 18(2), 264-287. 2021.
2. Siham Kebaili, Megdouda Ourbih-Tari, Sofia Guebli and Abdelouhab Aloui. Adaptive refined descriptive sampling algorithm for dependent variables using Iman and Conover method in Monte Carlo simulation. *Communications in*

Statistics: Theory and Methods. Published online 14/01/2020.
<https://doi.org/10.1080/03610926.2019.1709645>

3. Linda Khalfi and Megdouda Ourbih-Tari. Stochastic risk analysis in Monte Carlo Simulation: A case study. *Communications in Statistics: Simulation and Computation*. 49(11), 3041-3053. 2020.
4. Kahina Ouadhi and Megdouda Ourbih-Tari. Monte Carlo simulation of ordinary least squares estimator through linear regression adaptive refined descriptive sampling algorithm. *Communications in Statistics: Theory and Methods*. 48 (4), 865-875. 2019. <https://doi.org/10.1080/03610926.2017.1419265>
5. Hafida Saggou, Ines Sadeg, Megdouda Ourbih-Tari and El-Bay Bourennane. The analysis of unreliable $M[X]/G/1$ queuing system with loss, vacation and two delays of verification. *Communications in Statistics: Simulation and Computation*. 48 (5), 1366-1381. 2019. <https://doi.org/10.1080/03610918.2017.1414245>
6. Imane Terfas, Hafida Saggou and Megdouda Ourbih-Tari. Transient study of a queueing system with one unreliable server, batch arrivals, two types of verification, loss and vacation. *Communications in Statistics: Theory and Methods*. 48 (10), 2580-260. 2019. <https://doi.org/10.1080/03610926.2018.1472780>
7. Meriem Boubalou, Megdouda Ourbih-Tari, Abdelouhab Aloui and Arezki Zioui. Comparing $M/G/1$ queue estimators in Monte Carlo simulation through the tested generator "getRDS" and the proposed "getLHS" using variance reduction, Monte Carlo Methods and Applications. 25(2), 177-186. 2019.
8. Megdouda Ourbih-Tari, Sofia Guebli and Abdelouhab Aloui. Applying Refined Descriptive Sampling on the vibrating string model. *International Journal of computing science and mathematics*. 10 (3), 276-287, 2019. <http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijcsm>
9. Kenza Tamiti, Megdouda Ourbih-Tari, Abdelouhab Aloui and Khelidja Idjis. The use of variance reduction, relative error and bias in testing the performance of $M/G/1$ retrial queues estimators in Monte Carlo simulation. *Monte Carlo Methods and Applications*. 24(3) 165–178.2018.
10. Nassim Brahimi, Abdellah Salhi and Megdouda Ourbih-Tari. Convergence analysis of the plant propagation algorithm for continuous global optimization. *RAIRO Oper. Res.* 52(2) 429-438. 2018.
11. Nassim Brahimi, Abdellah Salhi and Megdouda Ourbih-Tari. Drift analysis of ant colony optimization of stochastic linear pseudo-boolean functions. *Operations*

Research Letters. 2017. 45(4) 342-347. 2017.

<http://www.sciencedirect.com/science/article/pii/S0167637717302730>

12. HafidaSaggou, TassaditLachemot and Megdouda Ourbih-Tari. Performance measures of M/G/1 retrial queues with recurrent customers, breakdowns and general delays. *Communications in Statistics: Theory and Methods*. 46(16) 7998-8015. 2017.
<http://www.tandfonline.com/doi/full/10.1080/03610926.2016.1171352>
13. Khelidjaldjis, Megdouda Ourbih-Tari and LatifaBaghdali-Ourbih. Variance reduction in M/M/1 retrial queues using refined descriptive sampling. *Communications in Statistics: Simulation and Computation*. 46(6) 5002-5020. 2017. <http://tandfonline.com/doi/full/10.1080/03610918.2016.1140778>
14. MegdoudaOurbih-Tari and MahdiaAzzal.Survival function estimation with nonparametric adaptive refined descriptive sampling algorithm: A case study. *Communications in Statistics: Theory and Methods*. 46(12) 5840-5850. 2017. <http://tandfonline.com/doi/full/10.1080/03610926.2015.1065328>
15. Megdouda Ourbih-Tari, ArezkiZiouianandAbdelouhabAloui.Variance Reduction in the simulation of a stationary M/G/1 queuing system usingRefined Descriptive Sampling. *Communications in Statistics: Simulation and Computation*. 46(5) 3504-3515. 2017.<http://tandfonline.com/doi/full/10.1080/03610918.2015.1096374>
16. LatifaBaghdali-Ourbih, Megdouda Ourbih-Tari and AbdelnasserDahmani. Implementing Refined Descriptive Sampling into Three Phase Discrete-Event Simulation Models. *Communications in Statistics: Simulation and Computation*. Taylor and Francis. 46(5) 4035-4049. 2017. <http://www.tandfonline.com/doi/full/10.1080/03610918.2015.1085557>
17. Leila Baiche and Megdouda Ourbih-Tari. Large sample variance of simulation using refined descriptive sampling: Case of independent variables. *Communications in Statistics: Theory and Methods*. 46(1) 510-519. 2017. <http://tandfonline.com/doi/full/10.1080/03610926.2014.997362>
18. SamraBoulfkhar, Assia Arab, DjamilAissani and Megdouda Ourbih. MAC Protocol Design Based on Satellites Presence for Low-Energy Wireless Sensor Networks. *Wireless Personal Communications*. Springer. 86(3) 1299–1319. 2016.<https://link.springer.com/article/10.1007/s11277-015-2989-7>
19. Linda Khalfi and Megdouda Ourbih-Tari. Comparing Refined Descriptive Sampling with Quasi Monte Carlo methods. *Management Review: An International Journal*. 10(2) 57-74. 2015.
20. Abdelouhab Aloui, Arezki Zioui, Megdouda Ourbih-Tari and Amine Alioui. A general purpose module using refined descriptive sampling for installation in

simulation systems. Computational Statistics. 30 (2) 477-490. 2015.<http://link.springer.com/article/10.1007%2Fs00180-014-0545-7>

21. Megdouda Ourbih-Tari and Sofia Guebli. A comparison of methods for selecting values of simulation input variables. ESAIM: Probability and Statistics. 19, 135-147. 2015.
22. Latifa Ourbih-Baghdali, Megdouda Ourbih-Tari and Abdelnasser Dahmani. A pseudo random number generator under Windows using Refined Descriptive Sampling. Computer Technology and Application 4(2) 85-92. 2013.
23. Megdouda Ourbih-Tari and Sofia Guebli. Applying refined descriptive sampling on the vibrating string model. Proceedings of the 30th annual European Simulation and Modelling Conference (ESM'2016). Edited by José Evora-Gomez and José Juan Hernandez-Cabrera. 2016, pp: 75-78. ISBN : 978-90-77381-95-3. Las Palmas, Gran Canaria, Spain.
24. Megdouda Ourbih-Tari and Mahdia Azzal. Survival Analysis on Clinical Trial in Monte Carlo Simulation. 3rd SMTDA conference proceedings. 11-14 juin 2014. Lisbon, Portugal. pp. 549-562. Edité par C. H. Skiadas. 2014 ISAST.
25. Megdouda OURBIH-TARI and Mahdia AZZAL. Nonparametric Estimation of a Survival Function Using Refined Descriptive Sampling. Proceedings of the 2012 European Simulation and Modelling Conference (ESM'2012). Edité par Matthias Klumpp, pp ISBN 978-9077381-73-1. 2012. Essen, Allemagne.
26. M. BOUBALOU and M. OURBIH-TARI. Comparing two generators Refined Descriptive Sampling and Latin Hypercube Sampling. Conférence Journée Académiques Mathématiques Appliquées (JAMA'19). 10 avril 2019. Djelfa, Algérie.
27. M. BOUBALOU and M. OURBIH-TARI. Comparing both generators of Refined Descriptive Sampling and Latin Hypercube Sampling. TAMTAM'2019. 23-27 février 2019, Tlemcen, Algérie.
28. K. TAMITI and M. OURBIH-TARI. Simulation of retrials queuing systems with RDS Approach. TAMTAM'2019. 23-27 février 2019, Tlemcen, Algérie.
29. L. BAICHE and M. OURBIH-TARI. Parametric estimation through Refined Descriptive sampling. TAMTAM'2019. 23-27 février 2019, Tlemcen, Algérie.

30. O. SACI, L. BAICHE and M. OURBIH-TARI. Maximum likelihood parametric estimation through RDS. International Conference on Computational Methods in Applied Sciences (IC2MAS19), 12-16 juillet 2019, Istanbul, Turquie.
31. Kenza Tamiti, Megdouda Ourbih-Tari. Variance reduction in Monte Carlo simulation of M/G/1 retrial queuing system. International Conference On Mathematics “An Istanbul Meeting for World Mathematicians” Minisymposium on Approximation Theory & Minisymposium on Math Education. 3-6 July 2018, Istanbul, Turkey.
32. Leila Baiche and Megdouda Ourbih-Tari. Using refined descriptive sampling in integration. International Conference On Mathematics “An Istanbul Meeting for World Mathematicians” Minisymposium on Approximation Theory & Minisymposium on Math Education. 3-6 July 2018, Istanbul, Turkey.
33. S. Kebaili and M. Ourbih-Tari. Refined descriptive sampling with dependent variables. International Conference On Mathematics “An Istanbul Meeting for World Mathematicians” Minisymposium on Approximation Theory & Minisymposium on Math Education. 3-6 July 2018, Istanbul, Turkey.
34. O. Saci and M. Ourbih-Tari. Comparing between empirical cumulative distributions from a refined descriptive sample and simple random sample. The first International Conference on the Evolution of Contemporary Mathematics and their Impact in Sciences and Technologies. 09-12 Oct 2017. Constantine, Algeria.
35. M. Ourbih-Tari, A. Zioui and O. Saci. Variance reduction in Monte Carlo simulation through M/G/1 Queues. MOCASIM 2017. 17-20 Avril 2017. Marrakech, Maroc.
36. M. Ourbih-Tari and S. Guebli. Applying refined descriptive sampling on the vibrating string model. 30th annual European Simulation and Modelling Conference (ESM'2016). 24-26 octobre 2016, Las Palmas, Spain.
37. L. Ourbih-Baghdali, M. Ourbih-Tari and A. Dahmani. The optimal performance measure using RDS. The 10th Triennial Conference of the Association of Asia-Pacific Operational Research Societies (APORS 2015). 02-06 Aout 2015. Kuching, Sarawak, Malaisie.
38. M. Ourbih-Tari and L. Khalfi. Comparing RDS with QMC methods. The 10th Triennial Conference of the Association of Asia-Pacific Operational Research Societies (APORS 2015). 02-06 Aout 2015. Kuching, Sarawak, Malaisie.

39. M. Azzal and M. Ourbih-Tari. The Monte Carlo methods in non-parametric estimation of the survival function. 1er congrès sur la Modélisation et Calcul Scientifique en Ingénierie Mathématique (MOCASIM'2014). 19-22 Novembre, 2014. Marrakech, Maroc.
40. L. Baiche and M. Ourbih-Tari. Large sample variance of simulation using Refined Descriptive. International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM'2014). 6-9 Novembre 2014. Anatolya, Turquie.
41. L. Ourbih-Baghdali, M. Ourbih-Tari and A. Dahmani. Determination of the optimal strategy of a quarry in Algeria using the Three Phase Discrete-Event Simulation: A case study. 3rd stochastic Modeling Techniques and Data Analysis International Conference. 11-14 juin 2014. Lisbon, Portugal.
42. K. Kahina and M. Ourbih-Tari. An empirical evaluation of some Monte Carlo methods. 1er congrès sur la Modélisation et Calcul Scientifique en Ingénierie Mathématique (MOCASIM'2014). 19-22 Novembre, 2014. Marrakech, Maroc.
43. M. Ourbih-Tari and M. Azzal. Survival Analysis on Clinical Trial in Monte Carlo Simulation. The 3rd Stochastic Modeling Techniques and Data Analysis International Conference. 11-14 Juin 2014. Lisbon, Portugal.
44. M. Ourbih-Tari. Applying an RDS pseudo-random number generator through integral problem. 12th International Symposium on Orthogonal Polynomials Special Functions and Applications. 24-29 mars 2013. Sousse, Tunisie.
45. A. Aloui and M. Ourbih -Tari. A pseudo random number generator which uses Refined Descriptive Sampling. 26th EURO-INFORMS European Conference on Operational Research. 1-4 Juillet 2013. Rome Italie.
46. M. Ourbih-Tari and S. Guebli. Comparaison des méthodes d'échantillonnages à travers un modèle de corde vibrante. Rencontre d'Analyse Mathématiques et Applications (RAMA 8). 26-29 Novembre 2012, USTHB Alger.
47. M. Ourbih-Tari and K. Idjis. Application de l'approche RDS sur les systèmes de files d'attente avec rappels. Rencontre d'Analyse Mathématiques et Applications (RAMA 8). 26-29 Novembre 2012, USTHB Alger.
48. M. Ourbih-Tari, A. Zioui and A. Aloui. Simulation of M/G/1 Queuing systems using Monte Carlo methods. 2nd Stochastic Modeling Techniques and Data Analysis International Conference (SMTDA). 5 - 8 Juin 2012 à Chania, Crète, Grèce.
49. L. Baghdali-Ourbih and M. Ourbih-Tari. A pseudo random number generator under Windows using refined descriptive sampling. 2nd Stochastic Modeling Techniques

and Data Analysis International Conference (SMTDA). 5 - 8 June 2012 à Chania Crete Greece.

50. M. Ourbih-Tari and S. Guebli. A comparison of refined descriptive sampling and simple random sampling and their application on a vibrating string model. The 5th Veszprém Optimization Conference : Advanced Algorithms (VOCAL 2012). Veszprém Hongrie, 11-14 Décembre 2012.
51. L. Baghdali-Ourbih, M. Ourbih-Tari and A. Dahmani. Implementing Refined Descriptive Sampling into Three Phase Discrete-Event Simulation Systems. The 5th Veszprems Optimization Conference: Advanced Algorithms (VOCAL 2012) Veszprém. Hongrie. 11-14 décembre 2012.
52. M. Ourbih-Tari and M. Azzal. Non-parametric Estimation of a Survival Function Using Refined Descriptive Sampling. ESM'12. 22-24 Octobre 2012, FOM, University of Applied Sciences. Essen, Germany.
53. Megdouda Ourbih-Tari et Sofia Guebli. Application de la méthode RDS sur une corde vibrante modélisé par une équation différentielle d'ordre deux. 8^{ième} Ecole sur les Equations Différentielles Abstraites (EDA'08). Laboratoire de Mathématiques Appliquées. Université de Bejaia. 2015.

Ouvrage:

OURBIH Megdouda. Amélioration de l'échantillonnage descriptif et Applications. Presses Académiques Francophones. pp : 1-108. 2015. ISBN 978-3-8416-3307-1. https://www.morebooks.de/gb/p_9783841633071

Publications Internationales du Professeur DOUAOUI Abdelkader

Editeur en Chef de la revue SAGREN (Systèmes Agraires et Environnement), Algerian Scientific Journal Platform (ASJP)

1. Naima Douaer, Abdelkader Douaoui, Madjid Mehaiguen, Mohamed Zouidi, Wiem Hamza : The Effect of municipal sewage sludge on properties physicochemical and microbiol agricultural soil. Notulae Scientia Biologicae. Volume 13, Issue 1, 2021. DOI: <https://doi.org/10.15835/nsb13110804>
2. Abdelkrim N, Hartani T, Visconti F, De Paz J M, Douaoui A, 2021. Irrigation Recommendation for Water Saving and Salinity Control in Horticulture in the Semi-arid Lower Cheliff Plain (Algeria). Asian Journal of Water 18(2):45-57
3. Brahim TAIBAOUI ¹, Abdelkader DOUAOUI ² & Guy BOUXIN : DIVERSITÉ FLORISTIQUE DE LA STEPPE SUD ALGÉROISE : CAS DE LA RÉGION DE DJELFA (ALGÉRIE). Lejeunia, Revue de Botanique, Nouvelle série N° 203, 2020. DOI: [10.25518/0457-4184.2169](https://doi.org/10.25518/0457-4184.2169)
4. Mohamed Amine Abdennour . Abdelkader Douaoui , Jesús Barrena-González , Abdelhamid Bradai , Manuel Pulido-Fernández, Amel Bennacer Chiara Piccini , Toufik Aidat. APPLICATION OF TWO

DIFFERENT SPATIAL INTERPOLATION APPROACHES TO MAPPING THE SPATIAL VARIABILITY OF GROUNDWATER SALINITY AND THEIR EFFECTS ON THE QUALITY OF IRRIGATED SOILS IN BISKRA, SE ALGERIA. PONTE Vol. 76 | No. 5/1 | May 2020 DOI: 10.21506/j.ponte.2020.5.3

5. Mohamed Rata. Abdelkader Douaoui. Mohamed Larid. Ahmed Douaik. Comparison of geostatistical interpolation methods to map annual rainfall in the Chélif watershed, Algeria. *Theoretical and Applied Climatology* (2020) 141:1009–1024 <https://doi.org/10.1007/s00704-020-03218>

6. Souad Boucherit, Nadia Bouragba, Abdelkader Douaoui. Robert Bosmans. Araignées de la Plaine alluviale du Haut-Chélif (Algérie), avec la citation de quelques espèces nouvelles ou rares pour l'Algérie (Araneae: Gnaphosidae, Miturgidae). *Nieuwsbr. Belg. Arachnol. Ver.* (2020), 35(1,2): 60. ISSN 0774-7225.

7. Mohamed Amine Abdenour, Abdelkader Douaoui, Jesús Barrena, Manuel Pulido, Abdelhamid Bradai, Amel Bennacer, Chiara Piccini. Geochemical characterization of the salinity of irrigated soils in arid regions (Biskra, SE Algeria). *Acta Geochimica* ISSN 2096-0956 *Acta Geochim.* 2020. DOI 10.1007/s11631-020-00426-2

8. Koula Nouredine, Achite Mohammed, CAG Santos, Douaoui Abdelkader, Bradai Abdelhamid. SPATIAL MODELING OF SOIL SALINITY USING MULTIPLE LINEAR REGRESSION, ORDINARY KRIGING AND ARTIFICIAL NEURAL NETWORK METHODS IN THE LOWER CHELIFF PLAIN, ALGERIA. *Journal of Urban and Environmental Engineering.* (2019) 13 (1), 34-41. <https://periodicos.ufpb.br/index.php/juee/article/view/47671>

9. ABDENNOUR Mohamed Amine, DOUAOUI Abdelkader, BENNACER Amel, Manuel Pulido Fernandez and BRADAI. Application of kriging techniques for assessing the salinity of irrigated soils: the case of El Ghrous perimeter, Biskra, Algeria. *SJSS. SPANISH JOURNAL OF SOIL SCIENCE.* 2019. DOI: 10.3232/SJSS.2019.V9.N2.04

10. Nassira Salhi. Abdelkader Douaoui. Fabienne Trolard. Guilhem Bourrié. Specific interaction theory versus Pitzer's model in groundwaters and brines for checking equilibria/non-equilibria with calcite, gypsum, and halite: application to predict the evolution of solutions concentrated by evaporation in irrigated areas. *Environmental Earth Sciences* (2019) 78:196 <https://doi.org/10.1007/s12665-019-8139-x>

11. ABDENNOUR Mohamed Amine, DOUAOUI Abdelkader, BENNACER Amel, Manuel Pulido Fernandez and BRADAI. DETECTION OF SOIL SALINITY AS A CONSEQUENCE OF LAND COVER CHANGES AT EL GHROUS (ALGERIA) IRRIGATED AREA USING SATELLITE IMAGES *Revue Agrobiologia* (2019) 9(1): 1458-1470. www.agrobiologia.net

12. ABDENNOUR Mohamed Amine, BRADAI. Abdelhamid. DOUAOUI Abdelkader. CONTRIBUTION OF GEOSTATISTICS MULTIPARAMETRIC FOR THE MAPPING OF THE CAPACITY OF GROUNDWATER TO IRRIGATION (CASE OF THE MIDDLE WESTERN CHÉLIFF). *Algerian Journal of Arid Environment.* (2018) "AJAE" 8 (1). <https://journals.univ-ouargla.dz/index.php/AJAE/article/view/254>

13. /Rata M. Douaoui A. Larid M and Daouik A. Spatial analysis of annual rainfall using ordinary kriging techniques and lognormal kriging in the Cheliff watershed. Algeria. December 2018. *Journal of Environmental Sciences* 1(1):1. 1-8p. . Nessa Publishers| www.nessapublishers.com

14. Bourrié G., Salhi N., Slimani R., Douaoui A., Hamdi Aissa B., Gihan M., Trolard F. : Irrigation, Water and Soil Quality, Chapter in book : Soil as Key Component of the Critical Zone 4, Soil and Water Quality. Ed. ISTE and Wiley. 2018, 73-125pp. ISBN 978-1178630-348-6

15. Lagacherie Ph., Álvaro-Fuentes J., Annabi M., Bernoux M., Bouarfa S., **Douaoui A.**, Grünberger O., Hammani A., Montanarella L., Mrabet R., Sabir M, Raclot D., Managing Mediterranean soil resources under global change: expected trends and mitigation strategies. *Regional Environmental Change*, March 2018, Volume 18, Issue 3, pp 663–675. <https://www.link.springer.com/article/10.1007/s10113-017-1239-9#citeas>
16. Kouadri Sameut M., Hartani T., Mailhol J.C. and **Douaoui A.**, Modeling soil water reserves and biomass in a semiarid, drip irrigated artichoke plot using PILOTE. *Journal of Soil and Water Conservation* 2017 72(2):150-157;doi:10.2489/jswc.72.2.150. <http://www.jswconline.org/content/72/2/150>.
17. Bradai A., **Douaoui A.**, Bettahar N., Yahiaoui I. : Improving the Prediction Accuracy of Groundwater Salinity Mapping Using Indicator Kriging Method. *J. Irrig. Drain Eng.*, 142(7): 04016023, 2016. <http://ascelibrary.org/doi/10.1061/%28ASCE%29IR.1943-4774.0001019>.
18. **Douaoui A.**, Yahiaoui I. Combination of remote sensing and kriging to improve soil salinity mapping in the Hmadna plain (Algeria). *Toprak Su Dergisi - Soil-Water Journal*, 2015, Special Issue, 1-5. <http://www.topraksudergisi.gov.tr/index.php/toprak/article/viewFile/1479/74>
19. Richa A., **Douaoui A.**, Bettahar N., Zhang Q., Mailhol J.C.: Assessment and modeling the influence of nitrogen input in soil on groundwater nitrate pollution : plain of Upper-Cheliff (north Algeria). *Global NEST Journal*, Vol 17, No X, pp 744-755, 2015. <http://journal.gnest.org/journal-paper/assessment-and-modeling-influence-nitrogen-input-soil-groundwater-nitrate-pollution>.
20. Yahiaoui I., **Douaoui A.**, Zhang Q., Ziane A. Soil salinity prediction in the Lower Cheliff plain (Algeria) based on remote sensing and topographic feature analysis. *Journal of Arid Land*, Vol 7 (6), 794-805 (2015). <http://link.springer.com/article/10.1007/s40333-015-0053-9>
21. Richa A., **Douaoui A.**, Bettahar N. : Quantification and Contribution of Nitrogen Inputs in the Soil on Groundwater Contamination by Nitrates: Valley of High-Cheliff (North Algerian). *Toprak Su Dergisi - Soil Water Journal*, 2015, Special Issue, 51-60. <http://www.topraksudergisi.gov.tr/index.php/toprak/article/viewFile/1486/81>
22. Yahiaoui I., **Douaoui A.**, Ziane A., Digital mapping of landscapes based on soil morphology in the plain of Lower-Cheliff (Algeria): Application of remote sensing. *İ̇xÂîĂĂĂîÊĂ È ÀĂĐİÖÈİÈß* (Science et de chimie agricole), N° 4 2014, 79-85. http://soil.kz/wp-content/uploads/2012/09/4_2014.pdf
23. Harkat S., Boukharouba K., **Douaoui A.** Multi-site modeling and prediction of annual and monthly precipitation in the watershed of Cheliff (Algeria). *Desalination and Water Treatment*, 12-1, 2014 (Online). <http://dx.doi.org/10.1080/19443994.2014.956798>

Publications Internationales du Docteur Debib Aicha

- 1- Guesaibia N., **Debib A.**, Tir-Touil A., Meddah B., Saidi F., Benrima-Guendouz A. 2019. Antibacterial activity of Algerian sun-dried raisins extracts against isolates of Extended-Spectrum Beta-lactamase ESBL-producing *Enterobacteriaceae*, *Revue Agrobiologia* 9(1): 1207-1213.
<http://agrobiologia.net/editions/AGROBIOLOGIA%20VOL-9-N-01.pdf>
- 2- **Debib A.**, Guesaibia N., Tir-Touil A., Benrima A., Meddah B. 2018. Impact de la teneur en polyphénols sur les propriétés physico-chimiques et microbiologiques de trois variétés Algériennes de figes sèches (*Ficus carica* L.), *Nutrition et Santé* 07 (1) : 33-40.
<https://www.asjp.cerist.dz/en/article/73265>
- 3- **Debib A.**, Tir-Touil, M. A., Meddah, B., Hamaidi-Chergui, F., Menadi, S. and Alsayadi, M. S. 2018. Evaluation of antimicrobial and antioxidant activities of oily macerates of Algerian dried figs (*Ficus carica* L.). *International Food Research Journal* 25(1): 351-356.
[http://www.ifrj.upm.edu.my/25%20\(01\)%202018/\(47\).pdf](http://www.ifrj.upm.edu.my/25%20(01)%202018/(47).pdf)
- 4- **Debib A.** and Boukhatem M.N. 2017. Phenolic Content, Antioxidant and Antimicrobial Activities of "Chemlali" Olive Leaf (*Olea europaea* L.) Extracts, *International Journal of Pharmacology, Phytochemistry and Ethnomedicine*, 6:38-46. <https://www.scipress.com/IJPPE.5>
- 5 - **Debib A.**, Dueñas, M., Meddah, M., Mothana, R. A., Alioui, L. and Tir-Touil, M. A. 2016. Synergetic Hepatoprotective Effect of Phenolic Fractions Obtained from *Ficus carica* Dried Fruit and Extra Virgin Olive Oil on CCL4-Induced Oxidative Stress and Hepatotoxicity in Rats. *Journal of Food Biochemistry* 40(04): 507-516. <https://onlinelibrary.wiley.com/doi/abs/10.1111/jfbc.12241>
- 6- **Debib A.**, Tir-Touil, A., Mothana, R. A., Meddah, B. and Sonnet, P. 2014. Phenolic content, antioxidant and antimicrobial activities of two fruit varieties of Algerian *Ficus carica* L. *Journal of Food Biochemistry* 38(2): 207-215. <https://onlinelibrary.wiley.com/doi/abs/10.1111/jfbc.12039>
- 7- Hamaidi-Chergui F., Errahmani M.B., **Debib A.** and Hamaidi M.S. 2016. Bacteriological analysis and public perception about drinking water of boreholes in Arib (Ain Defla, Algeria), *Journal of fundamental and applied sciences* 8(2): 542-551
<http://www.ajol.info/index.php/jfas/article/view/135301>
- 8- Hamaidi-Chergui F., Zoubiri A.F., **Debib A.**, Hamaidi M.S., Kais H. 2016. Occurrence and removal of pathogens and a preliminary study of microfauna in the medea sewage treatment plant, *Larhyss Journal* 26 : 183-208.
<http://dspace.univ-biskra.dz:8080/jsui>
- 9- Hamaidi-Chergui F., Zoubiri A.F., **Debib A.**, Hamaidi M.S., Kais H. 2016. Evaluation de l'efficacité de la station d'épuration de medea (algerie), *Larhyss Journal* 13 (2), 113-128.
<http://dspace.univ-biskra.dz:8080/jsui>
- 10- Hamaidi M.S., Kais H. and **Debib A.** 2016. Evaluation de la charge en pathogènes et de la microfaune dans les eaux de l'effluent brute et traité rejeté dans un milieu récepteur : cas de la station d'épuration de Médéa, *Larhyss Journal* 26: 183-208.
<http://dspace.univ-biskra.dz:8080/jsui>

11- **Debib A.**, Tir-Touil A. and Meddah B. 2016. Antimicrobial activity of polyphenol extracts from algerian ficus carica dried fruit. Substances Naturelles Et Innovation Therapeutique 2 (1), 13-21. <https://www.asjp.cerist.dz/en/article/45404>

12. **Debib A.**, Tir-Touil A. and Meddah B. 2011. Antimicrobial activity *in vitro* of the virgin olive oils phenolic against resistant human pathogens, Nutrition & Santé.

13. **DEBIB A.**, MENADIS , SAHNOUNI S, BOUKHATEM MN, HAMAI-DI-CHERGUI F, and BENRIMA-GUENDOZ A.2020. Antibacterial activity of Algerian pomegranate (*Punica Granatum L.*) extracts (peel, juice, and seed) against multidrug resistant bacteria. Revue Agrobiologia, accepté, en press.

Publications Internationales du Docteur Aichour Amina

1. **Amina Aichour**, Hassina Zaghoulane-Boudiaf, César Viseras Iborra, Manuel Sanchez Polo, Bioadsorbent beads prepared from activated biomass/alginate for enhanced removal of cationic dye from water medium: Kinetics, equilibrium and thermodynamic studies, *Molecular Liquids Journal*, 256 (2018) 533–540.
2. **Amina Aichour**, Hassina Zaghoulane-Boudiaf, Highly brilliant green removal from wastewater by mesoporous adsorbents: Kinetics, thermodynamics and equilibrium isotherm studies, *Microchemical Journal*, 146 (2019) 1255–1262.
3. Asma Oussalah, Abdelhamid Boukerroui, **Amina Aichour**, Brahim Djellouli, Cationic and anionic dyes removal by low-cost hybrid alginate/natural bentonite composite beads: Adsorption and reusability studies. *International Journal of Biological Macromolecules* 124 (2019) 854-862.
4. **Amina Aichour**, Hassina Zaghoulane-Boudiaf, Fathiah Binti Mohamed Zuki, Mohamed Kheireddine Aroua, Cesar Viseras Iborra, Low-cost, biodegradable and highly effective adsorbents for batch and column fixed bed adsorption processes of methylene blue. *Journal of Environmental Chemical Engineering*, 7 (2019) 103409.
5. **Amina Aichour**, Hassina Zaghoulane-Boudiaf, Single and competitive adsorption studies of two cationic dyes from aqueous mediums onto cellulose-based modified citrus peels/calcium alginate composite, *International Journal of Biological Macromolecules*, 154 (2020) 1227-1236.
6. **Amina Aichour**, Hassina Zaghoulane-Boudiaf, Synthesis and characterization of hybrid activated bentonite/alginate composite to improve its effective elimination of dyes from wastewater, *Applied Water Science*, 10 (2020) 146-159.

Communications internationales :

1. **Aichour A**, Zaghoulane-Boudiaf H. Communication Internationale: «Valorisation de la biomasse : préparation et caractérisation de billes biomasse/alginate de sodium pour leur application dans le traitement des eaux

- polluées*». 5-6 Novembre 2017: *Congrès International sur la valorisation et la Préservation de la Biomasse*. Université de M'Hamed Bougara, Boumerdes, Algérie.
2. **Aichour A**, Zaghouane-Boudiaf H. Communication Internationale: «*Synthèse et caractérisation des microbilles argile/alginate : application à l'élimination des colorants cationiques*». 5-6 Novembre 2017: *Congrès International sur la valorisation et la Préservation de la Biomasse*. Université de M'Hamed Bougara, Boumerdes, Algérie.
 3. **Aichour A**, Zaghouane-Boudiaf H. Communication Internationale: «*Adsorption du Crystal violet par un biomatériau activé par l'acide chlorhydrique et encapsulé dans l'alginate de sodium*». 24-25 Octobre 2017: *First Internationale Congres on Biotechnologies For Sustainable Development*. Université de M'Hamed Bougara, Boumerdes, Algérie.
 4. **Aichour A**, Zaghouane-Boudiaf H. Communication Internationale: «*Kinetic and equilibrium study for methylene blue removal from aqueous solutions by sorption onto mixed alginate/activated lemon peels beads*». 20-21 Novembre 2017: Université de 20 Aout 1955, Skikda, Algérie.
 5. **Aichour A**, Zaghouane-Boudiaf H. Communication Internationale: «*L'alginate de sodium: encapsulation et caractérisation*». 21-22 Novembre 2017: *Séminaire International sur les Polysaccharides de Plantes de Milieux Arides*. Université de Kasdi Merbeh-Ouargla, Algérie.
 6. **Aichour A**, Zaghouane-Boudiaf H. Communication Internationale «*Synthesis of alginate bioencapsulated activated bentonite composite for methylene blue removal*». 2-3 Décembre 2017: *International Workshop on Chemical Engineering*. Université de Ferhat Abbas Sétif -1-, Algérie.
 7. **Aichour A**, Zaghouane-Boudiaf H. Communication Internationale «*Nanocomposites: preparation, characterization and application in the field of water treatment*». 12-14 Septembre 2018: *International Conference on Materials Science*. Université de Ferhat Abbas Sétif -1-, Algérie.
 8. **Aichour A**, Zaghouane-Boudiaf H. «*Activated carbon-alginate composites: application in the removal of crystal violet dye from waste water*». 19-21 March 2018: *International Symposium on Materials Chemistry*. Université de M'Hamed Bougara, Boumerdes, Algérie.

9. **Aichour A**, Zaghouane-Boudiaf H. «*Etude d'adsorption du Crystal violet sur les billes de la bentonite activée*». 23-25 Avril 2018: *1^{er} Séminaire Maghrébien sur l'eau et l'Environnement dans les Zones Arides*. Université de Kasdi Merbah, Ouargla, Algérie.
10. **Aichour A**, Djaferkhodja H, Zaghouane-Boudiaf H. «Enhanced Removal of Methyl Orange using promising biochar derived from Date Palm Petiole». 25-27 Mai 2021: *International Conference on Water and Energy ICWE'21*. Université de Chlef, Algérie.

Liste des publications : Fatiha Bradai

- F Bradaï, C Sánchez-Romero (2021) [Effect of Cryopreservation on Olive \(*Olea europaea* L.\) Plant Regeneration via Somatic Embryogenesis](#). *Plants* 10 (1), 34
- F Bradaï, C Sánchez-Romero (2021) [Effect of Cryopreservation on the Ex Vitro Establishment of Olive Plants Regenerated via Somatic Embryogenesis](#). *Plants* 10 (2), 396
- H Rahal-Bouziane, F Bradai, A Chedjerat, F Alane, S Merdas, S Berkani (2020) [Change on morphometry of lodicules, grains and spikes of barley landraces \(*Hordeum vulgare* L.\) under soil and climate conditions of three agroclimatic environments](#). *Bulgarian Journal of Soil Science Agrochemistry and Ecology* 54, 3
- F Bradaï, C Sánchez-Romero, C Martín (2019) [Somaclonal variation in olive \(*Olea europaea* L.\) plants regenerated via somatic embryogenesis: Influence of genotype and culture age on genetic stability](#). *Scientia Horticulturae* 251, 260-266
- H Rahal-Bouziane, F Bradai, F Alane, S Yahiaoui (2018) [Influence of flag leaf traits on forage yield components and their ash contents in barley landraces \(*Hordeum vulgare* L.\) of South Algeria](#). *Journal of Agronomy* 17 (1), 28-36
- F Bradaï, J Almagro-Bastante, C Sánchez-Romero (2017) [Cryopreservation of olive somatic embryos using the droplet-vitrification method: The importance of explant culture conditions](#). *Scientia Horticulturae* 218, 14-22
- F Bradaï, F Pliego-Alfaro, C Sánchez-Romero (2016). [Somaclonal variation in olive \(*Olea europaea* L.\) plants regenerated via somatic embryogenesis: influence of genotype and culture age on phenotypic stability](#). *Scientia Horticulturae* 213, 208-215

- F Bradai, F Pliego-Alfaro, C Sánchez-Romero (2016) [Long-term somatic embryogenesis in olive \(Olea europaea L.\): influence on regeneration capability and quality of regenerated plants.](#) Scientia Horticulturae 199, 23-31

- E Guzmán-García, F Bradai, C Sánchez-Romero (2013) [Cryopreservation of avocado embryogenic cultures using the droplet-vitrification method.](#) Acta physiologiae plantarum, 35 (1), 183-193