

Publications Internationales du Professeur DOUAOUI Abdelkader

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

- 1- Mohamed Amine Abdennour ;**Abdelkader Douaoui** Jesús Barrena-González , Abdelhamid Bradaï , 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.
- 2- Mohamed Rata. **Abdelkader Douaoui**. Mohamed Larid. Ahmed Douaik. Comparison of geostatistical interpolation methods to map annual rainfall in the Chéliff watershed, Algeria. Theoretical and Applied Climatology (2020) 141:1009–1024 <https://doi.org/10.1007/s00704-020-03218>
- 3- Souad Boucherit, Nadia Bouragba, **Abdelkader Douaoui**. Robert Bosmans. Araignées de la Plaine alluviale du Haut-Chéliff (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.
- 4- Mohamed Amine Abdennour, **Abdelkader Douaoui**, Jesús Barrena, Manuel Pulido, Abdelhamid Bradaï, 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
- 5- K Noureddine, A Mohammed, CAG Santos, **Douaoui Abdelkader**, D 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>

6- ABDENOUR 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

7-Nassira Salhi.**Abdelkader Douaoui.** Fabienne Trolard. Guilhem Bourrié. Specific interaction theory versus Pitzer's model in groundwaters and brines for checking quilibria/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>

8- ABDENOUR 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

9-ABDENOUR 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>

10- 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

11-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

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- 13**-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.
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- 14**-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.
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- 16**-Richa A., **Douaoui A.**, Bettahar N., Zhang Q., Maiholl 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>.
- 17**-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).
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- 18**-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.
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