

CURRICULUM VITAE

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Indiquer les publications réalisées durant les cinq (05) dernières années :

B. Settou, N. Settou, Y. Gahrar, B.Negrou, A. Bouferrouk, **A.Gouareh**, C. Mokhtara, Geographic information-driven two-stage optimization model for location decision of solar power plant: A case study of an Algerian municipality, Sustainable Cities and Society, Volume 77, **2022**, 103567, ISSN 2210-6707, <https://doi.org/10.1016/j.scs.2021.103567>

A. Gouareh, B. Settou, N. Settou, A new geographical information system approach based on best worst method and analytic hierarchy process for site suitability and technical potential evaluation for large-scale CSP on-grid plant: An application for Algeria territory, Energy Conversion and Management, Volume 235, **2021**, 113963, ISSN 0196-8904, <https://doi.org/10.1016/j.enconman.2021.113963>.

Settou, B., Settou, N., **Gouareh, A.** et al. A high-resolution geographic information system-analytical hierarchy process-based method for solar PV power plant site selection: a case study Algeria. Clean Techn Environ Policy 23, 219–234 (**2021**). <https://doi.org/10.1007/s10098-020-01971-3>

Mokhtara C., Negrou B., Settou N., **Gouareh A.**, Settou B., Chetouane M. A., Decision-making and optimal design of off-grid hybrid renewable energy system for electrification of mobile buildings in Algeria: case study of drilling camps in Adrar, Algerian J. Env. Sc. Technology, 6:2 (**2020**) 1323- 1334

B. Settou, N. Settou, **A. Gouareh**, B. Negrou, C. Mokhtara, D. Messaoudi, GIS-Based Method for Future Prospect of Energy Supply in Algerian Road Transport Sector Using Solar Roads Technology, Energy Procedia, Volume 162, **2019**, Pages 221-230, ISSN 1876-6102, <https://doi.org/10.1016/j.egypro.2019.04.024>.

Mokhtara, C., Negrou, B., Settou, N., **Gouareh, A.**, & Settou, B. Pathways to plus-energy buildings in Algeria: design optimization method based on GIS and multi-criteria decision-making, Energy Procedia, 162 (**2019**), 171-180. <https://doi.org/10.1016/j.egypro.2019.04.019>

Alami, A., Boucham, B., **Gouareh, A.** Investigation on the Energy Efficiency of a Geo-sol Adsorption Heat Transformer in the Algerian Context. Int J Heat Technol. (2019) 37 (3), 820-30. <https://doi.org/10.18280/ijht.370319>