

# Curriculum Vitae

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## **Publications**

### – Publications de rang A ou B

- **S. Belaid**, A. Mellit, A. Boualit, M. Zaiani (2020). Hourly global solar forecasting models based on a supervised machine learning algorithm and time series principle. International Journal of Ambient Energy. DOI: 10.1080/01430750.2020.1718754.
- S. Bendara, S.M.A. Bekkouche, T. Benouaz, **S. Belaid**, M. Hamdani, M.K. Cherier, A. Boutelhig, N. Benamrane (2019). Energy efficiency and insulation thickness according to the compactness index, Case of a studio apartment under Saharan weather conditions. Journal of Solar Energy Engineering. doi:10.1115/1.4042455
- Mohamed Kamal Cherier, Sidi Mohammed El Amine Bekkouche, Tayeb Benouaz, **Sabrina Belaid**, Maamar Hamdani & Noceir Benamrane (2018): Energy efficiency and supplement interior comfort with passive solar heating in Saharan climate, Advances in Building Energy Research

### Publications de rang C

- **S. Belaid**, A. Boualit, M. Zaiani and A. Mellit . New predictive model of hourly global solar component. Revue des Energies Renouvelables SIENR'18 Ghardaïa (2018) 39 – 46 (2019).

### Communications internationales

- **Belaid Sabrina**, Boualit Abdelhamid, Zaiani Mohamed, Mellit Adel. New predictive model of hourly global solar component. Le 5ème Séminaire International sur les Energies Nouvelles et Renouvelables ghardaïa les 24 et 25 Octobre 2018.

- **Belaid Sabrina.** New methodology to forecast daily and hourly global solar component. International Conference on Advanced Mechanics and Renewable Energies Boumerdes les 28 et 29 novembre 2018.
- Bousdira Khalida, Ziani Mohamed, **Sabrina Belaid**, Hamid Oudjana Samir, Khadidja Sobhi, Said Midane. Prediction of higher heating value HHV of date palm biomass fuel using artificial intelligence method. 8th international conference on renewable energy research and applications ICRERA 2019, Roumanie.