



## Prof. CHARAF HAJJAJ

Faculty of Science, Chouaïb Doukkali University,  
Morocco

**I**s an Associate Professor at the Faculty of Sciences at Chouaïb Doukkali University, specializing in Renewable Energy and Energy Transition. He earned his Ph.D. in Physics and Engineering from the same university in March 2019. From 2017 to 2019, Dr. Hajjaj conducted extensive research on photovoltaic performance in semi-arid conditions at the Green Energy Park (UM6P - IRESEN), developing predictive models to enhance energy output. Following his Ph.D., he joined Cadi Ayyad University as an Assistant Professor in December 2019, where he coordinated the Renewable Energies program. Dr. Hajjaj has managed numerous projects focused on the operation and maintenance of photovoltaic systems and has published over 30 scientific articles on photovoltaic performance improvement. He is an active member of several international conference organizing committees, fostering collaboration and innovation in the field of renewable energy.