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Degree in Electrical Engineering from the Federal University of Ceará (1989), Master's degree in Electrical Engineering from the Federal University of Paraíba (1992) and PhD in Electrical Engineering from the University of Paderborn, Germany (1997). Currently full professor in the Department of Electrical Engineering at UFC, working in the postgraduate programs in electrical engineering and mechanical engineering at UFC. Teaching, research and extension experience in the following topics: energy planning, photovoltaic generation, wind energy and biodigesters. Coordinator of the UFC's Alternative Energy Laboratory. Research productivity scholarship from CNPq.

Research Interest: Photovoltaic systems. Hybrid systems. Energy policy. Energy and environment.

**Additional Information:**

- Member of the ICREPQ-International Scientific Committee
- REE&PQJ-Scientific Committee Member