



Dr. Verónica BERMÚDEZ BENITO

Verónica is Senior Research Director at QEERI (Qatar Environment Research Institute) where she is the Director of the Energy Center and leads the efforts in research, technology development and innovation in Energy. Under her leadership QEERI works in Energy Management (smart grids, EV, demand-response, power management,...), Energy Storage (high capacity concepts and outdoor test and reliability), Energy Conversion (mainly downstream PV and adaptability and durability to Harsh Climates), Energy Efficiency and Sustainable Development, Catalysis and Process Technologies for Added Value products and Disruptive Technologies (mainly Solar Rectennas and Sensors). Prior to joining the organization in 2018, she was Acting General Manager of the Technology Division of the Atsugi Research Center at Solar Frontier KK in Japan. She has also hold a position of Principal Scientist at EDF R&D, Senior Scientist at NEXCIS (start-up, where she took part of the founding team) and Head of the Optoelectronic Characterization Laboratory at IRDEP (EDF) in France, between others. And it is in the Advisory Board of a number of entities.

Verónica has a PhD in Physics from the Universidad Autónoma de Madrid (Spain), and holds a number of international awards for her research activity. She is an Associate Editor in Journal of Renewable and Sustainable Energy and acts as independent expert for a number of international funding agencies as the European Commission, and European National funding bodies.

She is also the author or co-author of more than 120 scientific papers in renown journals, including Nature, Nature Energy and Science, has deliver a large number of invited and keynote talks in several international conferences, as well as has a relevant patent portfolio. She has extensive experience in laboratory to industry research and technology transfer in the field of Renewable Energy, in almost the whole value chain, from materials development to grid integration for generation, storage and energy management solutions.

She is IEEE Senior Fellow and is actively engaged in promoting science among the youth, with a focus on STEM for women.

Her research interests sustainable energy solutions including PV alternative applications, and its integration in residential and added value markets, supported by battery deployment and energy management systems in smart grids opening the door to future clean transportation.