

## Short Bio:



Dr. Marc A. Anderson received his BS degree in Chemistry from the University of Wisconsin-Whitewater, a Master degree in Physical Chemistry from the Johns Hopkins University, where he also completed his PhD degree in Environmental Engineering in 1974. Then he joined the faculty of Civil and Environmental Engineering at the University of Wisconsin-Madison where he served for more than 40 years. He has recently retired as the Chair of the Environmental Chemistry and Technology Program. In 2008 he was invited to launch the newly formed Electrochemical Processes Unit of IMDEA Energy which he has led until last year.

He has developed a pioneering research in the preparation, characterization and utilization of nanoparticulate oxides for a variety of applications such as ceramic membranes for gas and liquid separations; high surface area electrodes for use in fuel cells, batteries, capacitors and solar cells; nanoporous films for use in sensors to be employed for the detection of target species in both the gas and liquid phase; and photocatalysts for the destruction of organic compounds.

Dr. Anderson is considered one of the foremost world-class experts in photo- and photoelectrocatalysis. In his successful career, he has filed more than 25 patents and published over 250 scientific papers with a historical h-index of 64. He has presented more than 100 communications in national and international conferences, about half of them being invited talks or keynotes. He also has received numerous awards. To highlight just one, he was one of the 2017 inductees into the NASA's Space Technology Hall of Fame®.

He has accumulated an extensive mentoring experience by supervising about 50 PhD thesis and more than 20 Postdoctoral Researchers. At IMDEA Energy he has not only led the ECPU, but he has been keen in mentoring most Unit's members, from to PhD students to Senior researchers.