

Biography for Dr. Bruce H. Bailey

Dr. Bruce Bailey has worked for over 45 years in the renewable energy industry. His career began in the mid-1970s at the State University of New York at Albany (UAlbany) as a research associate where he became the manager of wind energy programs. In the mid-1980s he left the university to run a technical consulting firm specializing in meteorological and engineering-related services to the clean energy and clean air sectors. The firm—AWS Truepower—grew to become one of the renewable energy sector's largest and most-respected consultancies, with offices established on four continents. Major client groups included utilities, government agencies, banks, and project developers. In late 2016 the firm was acquired by UL, a global safety science company. Dr. Bailey became Underwriter's Laboratory's (UL) Vice President for Renewables and retired from UL at the end of 2019.

Dr. Bailey's technical expertise includes renewable energy and smart technology systems evaluation, risk analysis, and the application of meteorological/climate analysis on engineering, environmental and economic planning. He has overseen the evaluation of over 140,000 megawatts of proposed and operating wind and solar projects throughout the world. He has contributed to more than 100 publications and 150 presentations at international conferences, and is a technical reviewer for the *Renewable Energy* journal.

He has an undergraduate degree in Atmospheric Sciences from Cornell University and a doctorate in Engineering Management from California Coast University. His doctoral dissertation addressed the climatology of icing events in the northeastern US and subsequent impacts on wind turbines. Relatedly, he has assessed icing risks for numerous proposed and existing wind energy projects throughout North America.

In his semi-retirement, Dr. Bailey serves as the Executive in Residence at UAlbany's Atmospheric Sciences Research Center where he engages in wind energy research and teaches students. He also serves on multiple boards: Chair of the Advisory Council for Cornell University's Department of Earth and Atmospheric Sciences; the Cornell Atkinson Center for Sustainability; and two international companies working in the renewable energy and environmental sciences arenas.