TOBISKA SHORT BIOGRAPHY

Dr. Tobiska is the President and Chief Scientist of Space Environment Technologies, LLC (SET). He is also the director of the Utah State University Space Weather Center and President of Q-Up, LLC. He invented the world's first operational computer code for solar irradiance forecasting and extended this expertise into the development of operational space weather systems that now produce solar irradiances, geomagnetic indices, and ground-to-space radiation environment dose rates. His career spans work at the NOAA Space Environment Laboratory, UC Berkeley Space Sciences Laboratory, Jet Propulsion Laboratory, Northrop Grumman, SET, USU Space Weather Center, and Q-Up. He has been a USAF and a NASA Principal Investigator (PI) and Co-Investigator (Co-I) for over a quarter century. He has been the COSPAR C1 Sub-Commission (Thermosphere & Ionosphere) Chair, the COSPAR International Reference Atmosphere (CIRA) Task Force Chair, and was a Session Organizer for 2002, 2004, 2006, 2008, 2010, 2012, 2014, and 2018 COSPAR scientific sessions. He serves as lead U.S. delegate to the International Standards Organization (ISO) for the space environment and developed the ISO solar irradiance as well as Earth atmosphere density international standards. Dr. Tobiska is an Associate Fellow of the American Institute of Aeronautics and Astronautics and a member of American Geophysical Union, Committee On Space Research, American Meteorological Society, and ISO TC20/SC14 U.S. Technical Advisory Group. He is a founding member, and Executive Committee member, of the American Commercial Space Weather Association (ACSWA). He has authored/co-authored over 165 peer-review scientific papers as well as 10 books and major technical publications.