

Bio for Hans Moosmüller 2013 Regents' Researcher Award

Hans Moosmüller joined Desert Research Institute in 1991. Dr. Moosmüller is a Research Professor in the Division of Atmospheric Sciences and his interests include experimental and theoretical research in optical spectroscopy as well as its applications to atmospheric, aerosol, and climate physics. Dr. Moosmüller has made significant contributions to our understanding of climate change, air quality encompassing particulate matter and mercury pollution, and other aspects of atmospheric physics and chemistry. He began his research career in Germany, attending the Ludwigs-Maximilians Universität, from which he earned an M.S. degree in physics in 1982. His early work focused on laser remote sensing and led him to pursue a doctorate in physics from Colorado State University, where he received his Ph.D. in 1988. Throughout his 24-year career he has an outstanding publication record, total research funding and worldwide leadership role in aerosol physics. Dr. Moosmüller has been generous sharing his expertise with faculty and students alike, always being available for discussion of scientific ideas, concepts, and publications. He has been a significant contributor to education in Nevada through supervision of four postdoctoral research associates, five Ph.D., four M.Sc. students and serving on ten graduate advisory committees for UNR students. His role as a DRI and scientific community leader as well as his mentorship of students has amplified his research contributions, extending his scientific impact.