

Professor Taehyoung Lee at Hankuk University of Foreign Studies (HUFS) obtained his master's and doctoral degrees in 2000 and 2005, respectively, from the Department of Atmospheric Science, Colorado State University. He majored in air pollution and aerosol physicochemical properties in the context of atmospheric meteorology. From 2005 to 2012, as a postdoctoral research fellow and research professor at the same university and department, he conducted different kinds of research to identify air quality and aerosol formation on various platforms by making, marine observations from ships, ground observations, mobile observations, and aircraft observations. During this period, as a co-researcher, he published his research results in the Journal of Science (340) on atmospheric aerosol formation, providing a new direction in the field.

After being appointed in 2013 to the Department of Environmental Science at Hankuk University of Foreign Studies, in 2016 he participated as lead researcher in the NASA KORUS-AQ (Korea and United States Air Quality) aerial observation project to measure domestic air pollution and presented in-depth research results from the study in international joint research. After the successful completion of research on the identification of aerosol occurrence and generation, he has published around 125 domestic and international academic papers. Professor Lee is currently working on advanced data analysis to identify aerosol formation and air quality as well as the prevalence of aerosol using real-time advanced analysis equipment on various domestic platforms (ship observations, ground observations, aircraft observations, and mobile observations).