



# PROFILES OF DIVERSITY

Dr. Ariel Stein,  
Acting Deputy Director,  
Air Resources Laboratory (ARL)



## ABOUT DR. ARIEL STEIN

Dr. Ariel Stein was born and raised in the city of Cordoba in Argentina, which explains his deep “southern” accent. He obtained his B.Sc. in Physical Chemistry from the National University of Cordoba. After he finished his undergraduate studies, he moved to the U.S. and obtained his M.Sc. in Environmental Pollution Control and PhD in Meteorology from Penn State University. During his years at Penn State, he started collaborating with scientists at ARL. Since then, he has established a 20+ years strong scientific relationship in ARL. He started his career in ARL as a postdoc, then became a contractor, to finally join the federal workforce five years ago as a Physical Scientist. Today, he is a Supervisory Physical Scientist and ARL’s Acting Deputy Director.

Dr. Stein has ample experience working with transport, dispersion, and photochemical models. He has an in-depth understanding of atmospheric dispersion modeling techniques including ARL’s HYSPLIT model. His research interests cover a wide range of topics dealing with atmospheric transport and dispersion modeling including the simulation of atmospheric tracer release experiments, radionuclides, smoke originated from wildfires, volcanic ash, and wind-blown dust. He has several peer-reviewed papers in these topics in prestigious international journals.

Ariel enjoys spending time with his family and playing soccer (futbol) with friends. In his spare time, he plays in a rock band performing songs in Spanish.