Long-Range Transport (LRT) of PFAS

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Background/Objectives. To provide a review of PFAS long-range transport (LRT) processes responsible for the distribution of PFAS across the globe, as evidenced by their occurrence in surface snow, ice cores, seawater, and other environmental media in remote regions as far as the Arctic and Antarctic. This presentation will discuss LRT, as well as factors that influence atmospheric fate and transport of PFAS.

Approach/Activities. Although PFAS air transport typically involves particles and aerosols, LRT of PFAS is restricted to vapors. This presentation will step through typical LRT sources (e.g., industrial sites with air (stack) emissions, global transport processes and ultimate deposition in remote areas of the Earth.

Results/Lessons Learned. Based on the information provided in this presentation, the audience will better understand LRT of PFAS and what would cause their site to be a potential source of PFAS LRT.