

## **Mr. Joel Siegel**

Joel Siegel is a Lead Associate at Booz Allen Hamilton in Washington, DC, working as part of their Domestic Resilience account. Joel began his career in aviation on his 10th birthday with his first flight lesson, earning his private pilot's license at the age of 17 and his instrument rating in 2020. He received his B.S. in Atmospheric Sciences from the University of North Carolina at Asheville in 2008 and his M.S. in Atmospheric Sciences at the University of North Dakota. While at UND, Joel took advantage of the dynamic weather in the Great Plains and advanced his hobby of storm chasing while continuing to fly. Joel furthered his career in aviation weather forecasting in 2012 when he began working for Rockwell Collins (now Collins Aerospace). In 2015, Joel relocated to Maryland, where he obtained his aircraft dispatcher license and worked to support operations as a dispatcher and meteorologist for business and general aviation operators. He actively supported research in civil aviation weather impacts, in addition to weather data collected from aircraft. During his time at ARINC, Joel became a key industry representative on one of the FAA's Collaborative Decision Making (CDM) groups, the Weather Evaluation Team. In September 2018, he joined Booz Allen Hamilton where he supported the FAA's Office of NextGen in support of the Weather Domain Architect in his role to ensure the success of future FAA weather projects. Currently, Joel supports the FAA's Air Traffic Organization's UAS Leadership Team in safely integrating UAS into an already congested airspace system in addition to his support to the U.S. Navy's Aviation Weather capabilities. Joel also leads Booz Allen's efforts researching weather impacts on sUAS, Urban Air Mobility operations, and other weather impacts on transportation in the United States.