

Benjamin Zaitchik is an Earth scientist who studies hydroclimatic variability across a range of spatial and temporal scales. This includes work on fundamental atmospheric and hydrological processes as well as application to problems of water resources, agriculture, and human health. Relevant to today's presentation, Dr. Zaitchik leads multiple projects that apply Earth Observation to study and predict infectious diseases, including work on malaria, cholera, enteric pathogens, and, most recently, COVID-19. Prior to joining Johns Hopkins University, Dr. Zaitchik was a Research Associate at NASA and a Fellow at the U.S. Department of State. He holds a PhD in Geology & Geophysics from Yale University, an MS in Soil Sciences from Cornell University, and an AB in Biology from Harvard College. He is currently the President-Elect of the GeoHealth Section of the American Geophysical Union.