



Judah Cohen, PhD

*Director of Seasonal Forecasting
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Dr. Judah Cohen is Director of Seasonal Forecasting and a principal scientist at Verisk Atmospheric and Environmental Research. In addition, he is a Visiting Scientist at Massachusetts Institute of Technology's (MIT) Parsons Lab, which is part of the Civil and Environmental engineering department. He is currently working

on the impacts of snow cover and sea ice variability on winter climate through their influence on the polar vortex. He is also interested in accelerated Arctic warming and its influence on extreme mid-latitude weather and applying novel statistical techniques including machine learning to subseasonal to seasonal prediction. He has also studied decadal temperature trends and explaining those trends with large scale climate models. He received his Ph.D. from Columbia University and was also a post-doc at the NASA Goddard Institute for Space Studies and then in the Department of Civil Engineering at MIT.

Dr. Cohen's research on climate prediction is highlighted as breakthrough technology on the National Science Foundation website, has been covered in the New York Times, the Wall Street Journal, the Washington Post, Los Angeles Times, the Boston Globe, Bloomberg, Time, Newsweek and featured on CNN and CBS News among other news outlets. He served as a Fulbright Scholar in Ireland, served as co-chair of the US CLIVAR working group on Arctic mid-latitude linkages, was an Associate Editor of the Journal of Climate and is a member of the American Meteorological Society and the American Geophysical Union. He has published nearly one hundred articles in their journals and others.

Dr. Cohen is head of AER's subseasonal to seasonal weather forecasts. Every month a season ahead weather forecast is created and distributed to clients as part of the sCast report. In an expansion of our forecast products, he is also leading AER's effort to create subseasonal forecasts using machine learning techniques. In recent years he has become involved with social media, posting a weekly blog on weather forecasting in the coming days, weeks and months across the Northern Hemisphere. In addition, he is active on Twitter, posting on the weather.

Education

- PhD, Columbia University
- MA, Columbia University
- BA, Columbia College

Memberships

- American Geophysical Union
- American Meteorological Society

For a list of publications, see Judah Cohen's [Google Scholar Profile](#).